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الاتفاقية الإطارية بشأن تغير المناخ



الهيئة الفرعية للتنفيذ

الدورة الحادية والثلاثون

كوبنهاغن، ٧-١٨ كانون الأول/ديسمبر ٢٠٠٩*

البند ٨ من جدول الأعمال المؤقت

بناء القدرات بموجب الاتفاقية

البند ٩ من جدول الأعمال المؤقت

بناء القدرات بموجب بروتوكول كيوتو

تقرير توليفي عن تنفيذ إطار بناء القدرات في البلدان النامية

مذكورة من إعداد الأمانة**

موجز

أعدّ هذا التقرير لدعم ما تقوم به الهيئة الفرعية للتنفيذ من رصد وتقييم سنويين لتنفيذ إطار بناء القدرات في البلدان النامية المرفق بالمقرر ٢/م أ-٧. ويستند التقرير إلى معلومات مؤلفة استمدت من البلاغات الوطنية وغيرها من التقارير الوطنية والبيانات السنوية المقدمة من الأطراف والمنظمات ذات الصلة التي وردت ما بين أيلول/سبتمبر ٢٠٠٨ وآب/أغسطس ٢٠٠٩. وتُعرض المعلومات حسب عناصر إطار بناء القدرات. وقد ترغب الأطراف في النظر في هذه المذكرة للمساعدة في إجراء الرصد السنوي لتنفيذ إطار بناء القدرات في البلدان النامية.

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** قُدمت هذه الوثيقة بعد الموعد المحدد لها لحاجة إلى إجراء مشاورات مع المنظمات ذات الصلة.

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١- طلب مؤتمر الأطراف إلى الأمانة، في مقرريه ٧/م ٢-أ و ٤/م ١٢-أ، أن تقدم تقريراً توليفياً سنوياً عن أنشطة تنفيذ إطار بناء القدرات في البلدان النامية (المشار إليه فيما بعد باسم إطار بناء القدرات)، استناداً إلى المعلومات الواردة في البيانات المقدمة من الأطراف، والبلاغات الوطنية، وبرامج العمل الوطنية للتكيف، وتقييمات الاحتياجات من التكنولوجيا، والتقييمات الذاتية للقدرات الوطنية.

٢- وطلب مؤتمر الأطراف العامل بوصفه اجتماع الأطراف في بروتوكول كيوتو، في مقرريه ٢٩/م ١-أ و ٦/م ٢-أ، إلى الأمانة أن تراعي عند إعداد تقريرها التوليقي جهود بناء القدرات ذات الصلة بتنفيذ بروتوكول كيوتو المبذولة في البلدان النامية، استناداً إلى المعلومات الواردة في البيانات المقدمة من الأطراف، وتقارير الوكالات المتعددة الأطراف والثنائية المعنية والقطاع الخاص، والمعلومات المتعلقة بأنشطة المجلس التنفيذي لآلية التنمية النظيفة المتصلة بالتوزيع الإقليمي لأنشطة مشاريع الآلية وما يتصل بها من أنشطة بناء القدرات.

٣- وأحاطت الهيئة الفرعية للتنفيذ، في دورتها التاسعة والعشرين^(١)، علماً بالتقرير التوليقي الثاني عن تنفيذ إطار بناء القدرات^(٢)، وأشارت إلى القلق الذي أعرب عنه بعض الأطراف بشأن قلة التقدم المحرز في تنفيذ الإطار. ودعت الهيئة الفرعية الأطراف مجدداً إلى تقديم بيانات سنوية تُمكن من رصد أشمل لتنفيذ إطار بناء القدرات وتبادل الخبرات بشأن أنشطة بناء القدرات.

باء - نطاق المذكرة

٤- يلخص هذا التقرير التوليقي السنوي الثالث المتعلقة بأنشطة بناء القدرات المضطلع بها في البلدان النامية، بما فيها تحديد الاحتياجات والثغرات والخبرات والدروس المستفادة في مجال القدرات. ويركز على الأنشطة المضطلع بها والمبلغ عنها ما بين أيلول/سبتمبر ٢٠٠٨ وآب/أغسطس ٢٠٠٩.

٥- واستمدت المعلومات من بيانات الأطراف وتقارير الأنشطة التي قدمتها الأطراف غير المدرجة في المرفق الأول من الاتفاقية في سياق بلاغاتها الوطنية، وبرامج عملها الوطنية للتكيف، وتقييماتها للاحتياجات من التكنولوجيا، وتقييمها الذاتي للقدرات الوطنية.

(١) FCCC/SBI/2008/19، الفقرتان ٨٠ و ٨٢.

(٢) FCCC/SBI/2008/11.

ووضعت في الاعتبار أيضاً بيانات الأطراف المدرجة في المرفق الأول من الاتفاقية (الأطراف المدرجة في المرفق الأول) الواردة في بلاغاتها الوطنية المقدمة بموجب بروتوكول كيوتو وتقارير وكالات الأمم المتحدة ذات الصلة، والمجلس التنفيذي لآلية التنمية النظيفة.

٦- وتُعرض المعلومات حسب عناصر إطار بناء القدرات. وقد يعترى جداول الملخص التوليفي الواردة في المرفق بعض الثغرات في المجالات التي لا توجد فيها معلومات عن الأنشطة.

جيم - الإجراءات التي يمكن للهيئة الفرعية للتنفيذ اتخاذها

٧- قد ترغب الهيئة الفرعية للتنفيذ في النظر في المعلومات الواردة في هذه الوثيقة في سياق الرصد السنوي لتنفيذ إطار بناء القدرات.

ثانياً - استعراض عام لأنشطة بناء القدرات

ألف - أنشطة بناء القدرات التي اضطلعت بها الأطراف

٨- تشمل أنشطة بناء القدرات التي أبلغت عنها الأطراف في الوثائق المقدمة بين أيلول/سبتمبر ٢٠٠٨ وآب/أغسطس ٢٠٠٩ جميع مجالات الأولوية البالغ عددها ١٥ مجالاً للاحتياجات المحددة في إطار بناء القدرات، حيث أبلغ عدد من الأطراف عن حصول تطورات نوعية وكمية كبيرة في مجال الأنشطة المتصلة ببناء القدرات. وبما أن أنشطة أخرى قد تكون اضطلع بها بعد تقديم الوثائق الأصلية، فقد لا تعطي المعلومات المجمعة في هذا التقرير الصورة الكاملة لما أحرز من تقدم، وبالتالي ينبغي الأخذ بها على سبيل الاسترشاد. ومن الأمثلة على أنشطة بناء القدرات التي تضطلع بها الأطراف حالياً ما يلي:

- (أ) فيما يتعلق ببناء القدرات المؤسسية، أنشئت هيئات وكيانات تنسيقية وطنية في بعض البلدان للتمكين من تنفيذ خطط العمل الوطنية ذات الصلة؛
- (ب) في إطار تحسين و/أو تهيئة بيئة مواتية، بذلت جهود من أجل وضع أو تطوير قوانين متعلقة بقضايا تغير المناخ؛
- (ج) ساهم إعداد البلاغات الوطنية داخل بعض البلدان في تحسين بناء القدرات على الصعيد المؤسسي، والقانوني، والتقني؛
- (د) في مجال بناء القدرات التقنية، اتخذت خطوات من أجل وضع آليات لإعداد قوائم جرد غازات الدفيئة وتعزيز القدرة التقنية لخبراء الجرد؛

- (هـ) يجري حالياً وضع خطط عمل لتقييم قابلية التأثر وتدابير التكيف، ويشمل ذلك اتخاذ تدابير مؤسسية وقانونية، وتحديد الآثار وتقييمها، ووضع برامج تدريبية للخبراء والمجتمع المحلي؛
- (و) أُطلقت خطط عمل في مجال التخفيف من آثار تغير المناخ، مع التركيز على تعزيز مصادر الطاقة المتجددة وزيادة فعالية الطاقة؛
- (ز) تشمل الأنشطة المضطلع بها في مجال البحث والمراقبة المنتظمة إنشاء مؤسسات لتسجيل المعلومات المتعلقة بالمناخ والموارد الطبيعية، واعتماد برامج لتعزيز قدرات البحث وتطوير هياكل نظام الإنذار المبكر؛
- (ح) اتخذت خطوات من أجل الاستعاضة عن التكنولوجيات البالية، لا سيما في قطاع الطاقة، كمثال على نقل التكنولوجيا؛
- (ط) بُذلت جهود من أجل زيادة المعرفة والوعي بتغير المناخ في أوساط واضعي السياسات المعنيين بتنفيذ برامج التنمية المستدامة، بغية تمكينهم من اتخاذ قرارات مستنيرة؛
- (ي) فيما يتعلق بآلية التنمية النظيفة، اتخذت تدابير على الصعيد الوطني لتعزيز الاستثمار في مشاريع آلية التنمية النظيفة، ونُظمت حلقات عمل للمؤسسات الوطنية، والقطاع الخاص، ومنظمات المجتمع المدني من أجل تبادل المعلومات المتعلقة بعملية آلية التنمية النظيفة؛
- (ك) فيما يتعلق بالتعليم، تُستحدث حالياً برامج من أجل التدريب والتوعية والتثقيف في مجال القضايا البيئية وتغير المناخ على جميع المستويات انطلاقاً من المدارس الابتدائية إلى الجامعات، بينما يجري تنفيذ مبادرات تثقيفية في المجتمع المدني وبواسطته وداخل فئات مستهدفة في المجتمع المحلي من أجل زيادة الوعي بأسباب تغير المناخ وآثاره والسبل الممكنة للتصدي له. ويتزايد استخدام الإنترنت بوصفه وسيلة لتبادل ونشر المعلومات المتعلقة بقضايا تغير المناخ. ويُقدّم لفائدة فئات مستهدفة التدريب في جميع المواضيع القطاعية لتغير المناخ.

٩- وأدت المبادرات المتخذة لتعزيز التعاون في جهود مكافحة تغير المناخ على الصعيدين الإقليمي ودون الإقليمي إلى بناء القدرات في مجالات متعددة منها: المشاركة في عملية التفاوض في إطار اتفاقية الأمم المتحدة الإطارية بشأن تغير المناخ؛ وقوائم جرد غازات الدفيئة؛ والقدرات التنظيمية والقانونية والتقنية المتصلة بتنفيذ الاتفاقية؛ والقدرات الوطنية من أجل تخطيط واتخاذ إجراءات التخفيف من آثار تغير المناخ وإجراءات التكيف. وشكلت

الدورات التدريبية المفتوحة للمشاركين من البلدان النامية أيضاً منتديات مفيدة لتبادل الخبرات بين بلدان الجنوب وإقامة شبكات الاتصال.

١٠- ومن أنشطة بناء القدرات المتصلة ببروتوكول كيوتو التي مكنت البلدان النامية من المشاركة في مشاريع آليات التنمية النظيفة، إنشاء السلطات الوطنية المعنية وتعزيزها وتدريبها؛ ووضع مبادئ توجيهية وطنية بشأن إعداد وتنفيذ مشاريع آلية التنمية النظيفة؛ وتقديم التدريب في مجال تصميم مشاريع آلية التنمية النظيفة، وضمان التمويل وتنفيذ المشاريع ورصدها؛ وتقييم الإمكانيات المتاحة لآلية التنمية النظيفة في البلد بهدف الحصول على التكنولوجيات المتطورة وجذب الاستثمار؛ وتحديد مصادر التمويل الممكنة للمشاريع المحتملة في إطار آلية التنمية النظيفة؛ وتقديم التدريب في مجال المشاركة الفعالة في سوق الكربون الدولية.

١١- وقدمت الأطراف المدرجة في المرفق الأول الدعم لأنشطة بناء القدرات في البلدان النامية على مستويات ثلاثة هي: المستوى الفردي والمؤسسي والنظامي. ومراعاة لطبيعة تغير المناخ التي تشمل عدة قطاعات عموماً، وبناء القدرات خصوصاً، ووجه الدعم إلى تعزيز قدرة أصحاب المصلحة (من مؤسسات حكومية، ومنظمات غير حكومية، ومنظمات مجتمعية) من أجل التصدي لقضايا تغير المناخ. وجرى الإشارة في بيانات الأطراف المدرجة في المرفق الثاني وفي تقاريرها إلى أنه من أجل زيادة الاستدامة، أفضل نهج هو دمج بناء القدرات فيما يتصل بالمناخ ضمن العمليات الوطنية للتخطيط الإنمائي بدلا من دعم الأنشطة المستقلة.

١٢- ومن الدعم الذي تقدمه الأطراف المدرجة في المرفق الأول ما يلي: بناء قدرة مؤسسات التخطيط والبيئة وتعزيز آليات التنسيق ذات الصلة؛ وتقديم الدعم المالي لوضع خطط وطنية للتكيف؛ وتشجيع التدريب وتبادل المعرفة بشأن الأدوات والأساليب المستخدمة من أجل التصدي لأسباب تغير المناخ وآثاره؛ وتعزيز التعاون فيما بين العلماء وواضعي السياسات بغية زيادة الوعي بمخاطر تغير المناخ؛ وزيادة سبل الوصول إلى المعلومات والأدوات المتعلقة بالمناخ.

باء - موجز القضايا التي أثرت في بيانات الأطراف

١٣- تشير البيانات الواردة من الأطراف إلى أن بناء القدرات ما يزال مسألة حاسمة للبلدان النامية فيما يخص تنفيذ الاتفاقية. ذلك أن القدرة المحدودة أو غير الكافية على الصعيد المؤسسي والعلمي والتكنولوجي والبشري، إلى جانب عدم كفاية الموارد المالية، تُصعب على البلدان النامية، ولا سيما أقل البلدان تقدماً، إحراز تقدم في مجال تنفيذ إطار بناء القدرات.

١٤- وتؤكد الوثائق المقدمة جميعاً أهمية النظر إلى عملية بناء القدرات على أنها عملية قطرية يتعين أن تتطابق مع الأولويات الوطنية. وفي هذا السياق، يشكل إعداد برامج العمل

الوطنية للتكيف والبلاغات الوطنية أداة مفيدة للبلدان النامية من أجل تحديد الاحتياجات من بناء القدرات وحصر الأولويات فيما يخص تنفيذ الأنشطة ذات الصلة.

١٥- وتشير الأطراف في وثائقها إلى أنه بفضل ازدياد مستويات المعرفة والمعلومات المتعلقة بتغير المناخ أصبح من الممكن التدقيق أكثر فيما يخص الثغرات والاحتياجات الموجودة في مجالات متنوعة، يمكن معالجتها بإجراءات أدق من حيث تحديد الأهداف على الصعيد المؤسسي والنظامي والفردى.

١٦- وبشكل خاص، أبرزت الأطراف ضرورة بناء القدرة المتعلقة بالموارد البشرية في جميع المجالات ذات الأولوية من إطار بناء القدرات. إذ تدعو الحاجة إلى وجود أفراد مؤهلين في نظام التعليم وفي المفاوضات الدولية، ولدى جمع الأموال، وفي مشاريع التخفيف من آثار تغير المناخ، من أجل إعداد قوائم جرد غازات الدفيئة وإجراء التقييمات الاجتماعية والاقتصادية لقابلية التأثير وللخيارات القائمة فيما يخص التكيف وما يتصل بذلك من قطاعات فرعية (أي الزراعة، والموارد المائية، والحراجة، والصحة).

١٧- وبالنسبة للبلدان الصغيرة، سُلط الضوء على الحاجة إلى الدعم على الصعيدين المؤسسي والنظامي، إلى جانب ضرورة دمج قضايا تغير المناخ وبناء القدرات ضمن الاستراتيجيات وعلميات التخطيط في مجال التنمية المستدامة. وكثيراً ما أشير إلى أن التحديات القائمة مرتبطة بعدم ملاءمة الهياكل المؤسسية والقوانين، وضعف التنسيق والتعاون بين أصحاب المصلحة المعنيين وعدم الإشراف على المبادرات المتخذة.

١٨- وجرى التشديد في عدة وثائق على ضرورة زيادة بناء القدرات في مجال نقل التكنولوجيا. إذ يعد تعزيز نشر التكنولوجيا وتطويرها في القطاعات الرئيسية من باب الأولوية ويشكل استراتيجية حاسمة للنجاح في التخفيف من آثار تغير المناخ.

١٩- وأشار العديد من الأطراف إلى أن زيادة الوعي بألية التنمية النظيفة في أوساط المؤسسات والعاملين في القطاع الخاص وتقديم التدريب في مجال تصميم مشاريع الآلية وتنفيذها أنشطة مهمة تستلزم إيلاءها الاهتمام الكافي في سياق التنمية المستدامة.

٢٠- وتتطلع الأطراف المدرجة في المرفق الأول إلى تلقي المزيد من المعلومات من البلدان النامية بشأن معايير النجاح وكذا نوعية الدعم الذي كان الأكثر فعالية في بناء القدرة. وسيمكن ذلك البلدان المانحة من تحديد أفضل الممارسات في مجال بناء القدرات وتوجيه دعمها. وفي هذا السياق، سيكون من المهم رصد وتقييم أنشطة بناء القدرات التي يضطلع بها البلد المستفيد عبر النظم والإجراءات الوطنية القائمة.

جيم - أنشطة بناء القدرات التي اضطلعت بها وكالات الأمم المتحدة

- ٢١- تنكب عدة وكالات للأمم المتحدة على معالجة المجالات والاحتياجات الواردة في إطار بناء القدرات. وتوجز الجداول من ١ إلى ١٥ في المرفق المعلومات المتعلقة بالأنشطة المضطلع بها، حيث يغطي كل جدول مجال الأولوية المقابل في إطار بناء القدرات.
- ٢٢- وفيما يخص تخطيط وتقديم الدعم في بناء القدرات، عادة ما تتخذ في ذلك وكالات الأمم المتحدة نهجاً قفطرياً. إذ يُضطلع بالأنشطة على الصعيد الإقليمي ودون الإقليمي على أساس مخصص. وعلى وجه التحديد، تعزز وكالات الأمم المتحدة حالياً مبادرات التعاون بين بلدان الجنوب التي ساهمت في بناء وتعزيز الشراكات الواسعة بين الأطراف وفي تصميم مشاريع بناء القدرات وصياغتها وتنفيذها.
- ٢٣- ونوقشت تجارب المنظمات الحكومية الدولية وغيرها من الهيئات في مجال ترصد وتقييم بناء القدرات في أثناء اجتماع للخبراء لعقدته الأمانة في ريو دي جانيرو، بالبرازيل في تشرين الثاني/نوفمبر ٢٠٠٨^(٣).

دال - أنشطة بناء القدرات بموجب بروتوكول كيوتو

- ٢٤- واصل المجلس التنفيذي، في إطار الدور الذي يضطلع به بصفته الهيئة التنظيمية لآلية التنمية النظيفة، اتخاذ التدابير الرامية إلى تعزيز التوزيع الجغرافي لأنشطة مشاريع آلية التنمية النظيفة وتوسيع مشاركة أصحاب المصلحة. وتشمل الأنشطة العادية المضطلع بها منذ أيلول/سبتمبر ٢٠٠٨ دورة من الأسئلة والأجوبة عقدها المجلس التنفيذي لآلية التنمية النظيفة فتحت لجميع المشاركين المهتمين في كل دورة للهيئتين الفرعيتين واجتماعاً غير رسمي للمجلس التنفيذي لآلية التنمية النظيفة وأصحاب المصلحة في أثناء كل اجتماع للمجلس.
- ٢٥- واجتمع منتدى السلطات الوطنية المعنية، الذي أنشئ بهدف توسيع المشاركة في آلية التنمية النظيفة وتمكين السلطات الوطنية المعنية من تبادل آرائها وتجاربها، مرتين في الفترة المشمولة بالتقرير. وعُقدت أيضاً حلقة عمل إقليمية للآلية ونُظم اجتماع دون إقليمي لمنتدى السلطات الوطنية المعنية، مع التركيز على التفاعل بين السلطات الوطنية المعنية والقطاع الخاص.
- ٢٦- ونُظمت في بون، بألمانيا في نيسان/أبريل ٢٠٠٩ حلقة عمل تنسيقية مشتركة لأصحاب المصلحة، من أجل تبادل التجارب المتعلقة بمختلف جوانب عملية آلية التنمية النظيفة ومناقشة برامج أنشطة الآلية، التي قد تُجمع فيها عدة أنشطة لخفض غازات الدفيئة اضطلع بها مع الزمن نتيجة تدبير حكومي أو مبادرة من القطاع الخاص في برنامج واحد في

(٣) FCCC/SBI/2008/15

إطار الآلية. وشملت الحلقة أيضا دورة مخصصة لتحديات الآلية في أفريقيا، نشأت خلالها عدة توصيات بهدف تحسين إشراك البلدان الأفريقية في الآلية.

٢٧- وواصل برنامج الأمم المتحدة للبيئة، بالتعاون مع الأمانة، تشغيل بازار آلية التنمية النظيفة - وهو بوابة على الإنترنت مصممة لتسهيل تبادل المعلومات بين المشترين والبائعين ومقدمي الخدمات المشتركين في آلية التنمية النظيفة.

٢٨- ومن الجهود الكبرى في مجال بناء القدرات إطار نيروبي، الذي يشترك في تنفيذه كل من الأمانة، ومصرف التنمية الأفريقي، ومؤتمر الأمم المتحدة للتجارة والتنمية، وبرنامج الأمم المتحدة الإنمائي، وبرنامج الأمم المتحدة للبيئة، ومعهد الأمم المتحدة للتدريب والبحث والبنك الدولي. وواصلت الأنشطة المضطلع بها في هذا الإطار بناء القدرة في عملية آلية التنمية النظيفة داخل البلدان الأفريقية، مع التركيز في المقام الأول على مساعدة البلدان الأفريقية الواقعة جنوب الصحراء. وبوجه خاص، عزز إطار نيروبي من جهوده في مجال زيادة الاهتمام بوضع وتنفيذ مشاريع الآلية، وتعزيز قدرة السلطات الوطنية المعنية لكي تصبح عاملة بكامل طاقتها، وتعزيز فرص الاستثمار، وتحسين أنشطة التواصل وتعزيز التعاون بين الوكالات.

Annex

[ENGLISH ONLY]

Capacity-building activities undertaken between September 2008 and August 2009¹

Table 1

Activities in support of institutional capacity-building

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and Institutions involved</i>	<i>Activity report or web link for further information</i>
Green Economy Initiative	Support governments to reshape and refocus policies, investments and spending on a range of green economic sectors that contribute to climate change mitigation and adaptation, (including renewable energies, efficient transportation, efficient buildings, and sustainable agriculture and forests) and improve decision making so that it takes account of environmental considerations	September 2008– August 2009 Global Regional National	UNEP	< http://www.unep.org/greeneconomy >
Global and national climate change assessment package	Build capacity of national climate change scientists and practitioners (public and private sector), develop capacity support systems for decision-makers to mainstream climate change issues into their national strategies and their decisions for action, strengthen existing process and developing new institutions to access customized locally-relevant climate impact research and information into national planning		UNEP	

¹ The content of these tables is not complete, and is based on information available at the time of preparation of the report.

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies and Institutions involved</i>	<i>Activity report or web link for further information</i>
Capacity-building Activities by Provincial Programmes for Climate Change Mitigation & Adaptation in China (PCCP)	Support the Government of China in translating its National Climate Change Programme (NCCP) launched in June 2007 into on-the-ground action by developing local policies, institutional frameworks, partnerships and implementation capacities, and to share China's experience with other key Asian countries in the global fight against climate change	Ongoing	UNDP	
Supporting the Government to Coordinate Climate Change Issues in Indonesia	Support National Council on Climate Change to coordinate all national stakeholders in combating climate change, including policy and program formulation, implementation of mitigation and adaptation action, carbon market formulation and evaluation of ongoing programs on climate change	July 2009	UNDP	
Providing technical support to the creation of a high level national advisory group on climate change in El Salvador		2008/2009, El Salvador	UNDP	< http://www.marn.gob.sv/?fath=124&categoria=560&subcat=Y >

Table 2

Capacity-building activities in support of enhancement and/or creation of an enabling environment

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
Workshop on Investment and Financial Flows to address Climate Change - An Update		Bonn, 10–11 November 2008	UNFCCC	< http://unfccc.int/cooperation_and_support/financial_mechanism/financial_mechanism_gef/items/4112.php >
Development of the Arab Framework of Action On Climate Change	Assist the League of Arab States (LAS) and Arab countries to enhance responses to climate change challenges and determine priority areas of climate actions on mitigation, adaptation and finance	2008–2009	UNESCO Other: LAS, ESCWA	Plan not final yet but a draft can be shared upon request
Mainstreaming climate change through revision of MAAIF's Development Strategy and Investment Plan (DSIP) as a component of the 2009 revised National Development Plan (NDP).	Adjustment of the Development Strategy and Investment Plan of Ministry of Agriculture Revision of the National Development Plan based on the adjusted DSIP of the Ministry of Agriculture	2008–2009, Uganda	UNEP-UNDP CC DARE Initiative	< www.ccdare.com >
			Other: Ministry of Agriculture of Malawi; ICPAC, Nairobi PEM Consult, Denmark	
National Capacity Self Assessment	Identify country level priorities and needs for capacity-building to address global environmental issues, (in particular biological diversity, climate change, and land degradation), the synergies between them, and help catalize domestic and/or externally assisted action to meet those needs in a coordinated manner	Ongoing Trinidad and Argentina Barbados Bosnia- Herzegovina Colombia Croatia Cuba Gambia Haiti	UNEP	< http://gefonline.org/projectDetailsSQL.cfm?projID=3808 > < http://gefonline.org/projectDetailsSQL.cfm?projID=1967 > < http://gefonline.org/projectDetailsSQL.cfm?projID=2585 > < http://gefonline.org/projectDetailsSQL.cfm?projID=1772 >

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
		Kenya		< http://gefonline.org/projectDetailsS QL.cfm?projID=2851 >
		Russian Federation		< http://gefonline.org/projectDetailsS QL.cfm?projID=986 >
		Tobago		< http://gefonline.org/projectDetailsS QL.cfm?projID=989 >
		Turkey		< http://gefonline.org/projectDetailsS QL.cfm?projID=1962 >
Indonesia Climate Change Trust Fund (ICCTF)	UNDP to manage the trust fund for the next one to two years before a national trustee is appointed, which involves capacity-building activities		UNDP	< http://www.undp.or.id/press/view.asp?FileID=20090914-1&lang=en >
Supporting civil society dialogue about climate change in Guatemala	Support the constitution and strategic planning of a civil society incidence group for climate change, integrated by renowned environmentalists, national and international NGOs, academic sector, and indigenous groups		UNDP	

Table 3

Capacity-building activities in support of national communications

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
Non-Annex I Parties (NAI) newsletter Edition 5	The NAI newsletter is designed to focus on national, regional and international efforts to support non-Annex I Parties in the implementation of the Convention. It includes information on workshops and on publications, as well as other informative materials	May 2009	UNFCCC	< http://unfccc.int/files/national_reports/non-annex_i_natcom/nai_newsletter/application/pdf/nai_newsletter_5_may_2009.pdf >
NAI newsletter Edition 4	The NAI newsletter is designed to focus on national, regional and international efforts to support non-Annex I Parties in the implementation of the Convention. It includes information on workshops and on publications, as well as other informative materials	November 2008	UNFCCC	< http://unfccc.int/files/national_reports/non-annex_i_natcom/nai_newsletter/application/pdf/nai_newsletter_no_4_november_2008.pdf >
NAI update 9	The NAI update contains a summary of the outcomes of negotiations and decisions on matters relating to the preparation of national communications by non-Annex I Parties	August 2009	UNFCCC	< http://unfccc.int/files/national_reports/non-annex_i_natcom/nai_update/application/pdf/final_nai_update_in.pdf >
NAI update 8	The NAI update contains a summary of the outcomes of negotiations and decisions on matters relating to the preparation of national communications by non-Annex I Parties	February 2009	UNFCCC	< http://unfccc.int/files/national_reports/non-annex_i_natcom/nai_newsletter/application/pdf/pdf_update_feb_2009_version_20feb09.pdf >
Publication: Resource guide for preparing the national communications from non-Annex I Parties – Module 1: the process of national communications from non-Annex I Parties	This module was developed as a guide to assist non-Annex I Parties in the preparation of their national communications. It is the first in a series of modules developed on the various elements of a national communication (e.g. vulnerability and adaptation, national greenhouse gas inventories, and measures to mitigate climate change) to act as a guide for non-Annex I Parties in preparation of their national	2009	UNFCCC	< http://unfccc.int/resource/docs/publications/09_resource_guide1.pdf >

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
	communications			
Publication: Resource guide for preparing the national communications from non-Annex I Parties – Module 2: Vulnerability and Adaptation to climate change	This module was developed as a prototype guide to assist non-Annex I Parties to prepare the vulnerability and adaptation section of their national communications	2009	UNFCCC	< http://unfccc.int/resource/docs/publications/08_resource_guide2.pdf >
Publication: Resource guide for preparing the national communications from non-Annex I Parties – Module 3: National Greenhouse Gas Inventories	This module was developed as a guide to assist non-Annex I Parties in the preparation of the GHG inventories for their national communications. It aims to provide a brief overview of some of the main methods, tools and data being used by non-Annex I Parties to prepare their national GHG inventory	2009	UNFCCC	< http://unfccc.int/resource/docs/publications/09_resource_guide3.pdf >
Publication: Resource guide for preparing the national communications from non-Annex I Parties – Module 4: Measures to mitigate climate change	This module has been developed to assist non-Annex I Parties in preparing the mitigation section of their national communications	2009	UNFCCC	< http://unfccc.int/resource/docs/publications/08_resource_guide4.pdf >
Training workshop on the agriculture and land use software developed for the regional project	Assistance on the preparation of national GHG inventories	Cambodia from 6–8 May 2009	UNFCCC in collaboration with the Ministry of Environment of Cambodia	
National Adaptation Plan of Action	To enable countries to formulate and communicate the immediate, urgent and priority needs for adaptation	2008 Ongoing	UNEP	< http://gefonline.org/projectDetailsSQL.cfm?projID=1787 >
		Angola Myanmar		< http://gefonline.org/projectDetailsSQL.cfm?projID=3409 >
Support Bahrain in preparing its second national communication report to UNFCCC	To assist national teams to prepare GHG inventory, mitigation options, vulnerability and adaptation assessments and capacity-building needs	2007 Ongoing	UNEP	< http://www.pmew-bcc.com/ >
		Bahrain		
Advisory Support to develop Institutional Framework for Climate Change in Kuwait	To assist in re-constituting the national climate change committee, advise to complete the initial national communication for Kuwait and to design a process for preparing the second national	2009	UNEP	Mission report available

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
	communication			
The National Communications Support Programme (NCSP) (Global)	To provide technical and policy support to Parties not included in Annex I to the UNFCCC for preparing their National Communications		UNDP	
Follow-up Workshop on Second National Communications, Pacific Islands	<ul style="list-style-type: none"> Guidance on managing the SNC process, including relevant technical and policy issues, particularly on how SNCs can provide inputs to relevant decision-making processes, and to the integration of climate change concerns into national development planning Discussions on key technical issues to consider in the preparation of the 3 main components of the SNC, i.e. GHG 	Nandi, Fiji, 17–21 August 2009	UNDP, UNEP, UNFCCC	
	<ul style="list-style-type: none"> inventory, mitigation analysis, and V&A assessment Focused discussions on integrated framework for V&A assessments and scenario development Gaining insights into how the SNC may shape the adaptation agenda at the national level, through learning from practical adaptation experiences (site visit) 			
Workshop on Second National Communications, Arab States		Amman, Jordan, 24–26 February 2009	UNDP, UNEP, UNFCCC	< http://ncsp.undp.org/report_detail.cfm?Projectid=191 >
Workshop on Second National Communications, Asian Region		Bangkok, Thailand, 8–12 September 2008	UNDP, UNEP, UNFCCC	< http://ncsp.undp.org/report_detail.cfm?Projectid=188 >

Table 4

Capacity-building activities in support of national climate change programmes

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
National Priority Setting Workshop on Participatory Environmental Governance and Principle 10 Implementation (including climate change)	Develop national priorities and action plan to strengthen effective stakeholder engagement in environmental governance, including climate change governance	2–3 September 2008, San Jose, Costa Rica	Government of Costa Rica, UNITAR, CCAD, ECLAC	< http://www.unitar.org/egp >
Workshop on Sustainable Urban Transportation (including climate change)	<ul style="list-style-type: none"> • Encourage knowledge sharing between municipal and regional practitioners in the field of sustainable urban transport • Support each participant in developing a concrete action plan 	2–4 September 2008 Plock, Poland	UNITAR CIFAL Plock, UNITAR, City of Plock, UNDP, Veolia	< http://www.cifalplock.ump.pl >
	<ul style="list-style-type: none"> • Transmit technical expertise in the fields of: financing public transport, fleet modernization, integrated transport management, private sector participation, awareness raising and multi-stakeholder consultations, sustainable modes of transport, climate change 		Environnement , Alcatel, PKN Orlen	
Workshop on Sustainable Urban Transportation (including climate change)	<ul style="list-style-type: none"> • Encourage knowledge sharing between municipal and regional practitioners in the field of sustainable urban transport • Support each participant in developing a concrete action plan • Transmit technical expertise in the fields of: financing public transport, fleet modernization, integrated transport management, private sector participation, awareness raising and multi-stakeholder consultations, sustainable modes of transport, climate change 	8–11 September 2008 Seoul, Republic of Korea	UNITAR CIFAL Kuala Lumpur,, CITYNET, Seoul Metropolitan Government, Seoul Development Institute and Seoul Human Resource Development	< www.citynet-ap.org/images/uploads/cityvoice/Issue_Final_December_2008-_color.pdf >>
National Priority Setting Workshop on Participatory Environmental	Develop national priorities and action plan to strengthen effective stakeholder	1–2 December 2008, Santo	Government of Dominican	< www.unitar.org/egp >

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
Governance and Principle 10 Implementation (including climate change)	engagement in environmental governance, including climate change governance	Domingo, Dominican Republic	Republic, UNITAR, CCAD, ECLAC	
National Priority Setting Workshop on Participatory Environmental Governance and Principle 10 Implementation (including climate change)	Develop national priorities and action plan to strengthen effective stakeholder engagement in environmental governance, including climate change governance	4–5 December 2008, Tegucigalpa, Honduras	Government of Honduras, UNITAR, CCAD, ECLAC	< www.unitar.org/egg >
Finalization of the National Climate Change Adaptation Strategy of Ghana	Update and finalize the zero-order draft of the National Climate Change Adaptation Strategy (NCCAS) of Ghana, validate and adopt the NCCAS	2009–2010 Ghana	UNEP–UNDP UN Country Office Other: Ghana EPA, EU	< www.epa.gov.gh >
Strengthening of The Gambia's Climate Change Early Warning Systems	Implement The Gambia's second top priority as identified in its national adaptation programme of action (NAPA) and reduce vulnerability to climate changes through enhanced capacity for science-based decision making and planning for affected populations to respond to climate change through a strengthened early warning and informational mechanisms	2008 Ongoing Gambia	UNEP, UNDP	
Advisory Support to Sultanate of Oman in preparing National Climate Change Adaptation Strategy	To advise the Ministry of Environment and Climate Affairs on institutional arrangements and a road map for the preparation of the Adaptation Strategy	2008 Oman	UNEP, UNDP	Mission report available

Table 5

Capacity-building activities in support of greenhouse gas inventories

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
Online training courses for estimation of GHG emissions of Annex I Parties under the Convention, comprising both technical and skill-building courses	Training activities for expert review team (ERT) members to ensure the quality of inventory review activities under the Convention	2009	UNFCCC	
Online training courses on national systems for estimation of GHG emissions of Annex I Parties, covering activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, on adjustments under Article 5, paragraph 2, of the Kyoto Protocol, and on modalities for accounting of assigned amounts under Article 7, paragraph 4, of the Kyoto Protocol.	Training activities for expert review team (ERT) members to ensure the quality of inventory review activities under the Kyoto Protocol	2008/2009	UNFCCC	
Carbon Benefits Project: Modelling, Measurement and Monitoring	Strengthen capacity of national partners in carbon modelling, measurement and monitoring	2009 Ongoing	UNEP, UNDP	
		Global (with field sites in Brazil, China, Kenya, Nigeria, Niger)		

Table 6

Capacity-building activities in support of vulnerability and adaptation assessment

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
Risk management approaches to address adverse effects of climate change	This is an information note to review experiences, best practices and lessons learned on risk management approaches and other appropriate responses to the adverse effects of climate change, in accordance with Article 4, paragraphs 8 and 9, of the Convention	Ongoing	UNFCCC	
Maintenance and revision of database on local coping strategies	This database is intended to facilitate the transfer of long-standing coping strategies/mechanisms, knowledge and experience from communities that have had to adapt to specific hazards or climatic conditions to communities that may just be starting to experience such conditions, as a result of climate change	Ongoing	UNFCCC	<maindb.unfccc.int/public/adaptation/>
Development and maintenance of UNFCCC adaptation funding interface	The interface provides a platform to access and screen information on funding options available for adaptation worldwide. It provides a summary of adaptation funding options available from various sources, each with an information factsheet. The fact sheet contains a description of the funding mechanism, sample projects, contact information and relevant weblinks for further information.	Ongoing	UNFCCC	<unfccc.int/adaptation/implementing_adaptation/adaptation_funding_interface/items/4638.php>
Maintenance and revision of the adaptation practices interface	The adaptation practices interface is a gateway to information on adaptation practices worldwide. It provides a summary of adaptation practices by a large range of organizations, agencies and businesses, along with descriptions and relevant links and publications.	Ongoing	UNFCCC	<http://unfccc.int/adaptation/nairobi_workprogramme/adaptation_practices_interface/items/4555.php>
Nairobi work programme expert meeting on socio-economic	An expert meeting on ways and means to improve the integration of socio-economic	Port of Spain, Trinidad and	UNFCCC	<http://unfccc.int/documentation/documents/advanced_

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
information under the Nairobi work programme on impacts, vulnerability and adaptation to climate change	information into impact and vulnerability assessments, including as they relate to adaptation planning	Tobago 10–12 March 2008		search/items/3594.php?rec=j&preref=600004634#beg
Publication of booklet “Nairobi work programme: the second phase”	This brochure is the third in a series, produced so as to inform Parties, organizations, and those interested in adaptation about the key activities under the Nairobi work programme on impacts, vulnerability and adaptation to climate change during its second phase of implementation as mandated by SBSTA 28	November 2008	UNFCCC	http://unfccc.int/files/adaptation/application/pdf/nwpbrochurenov2008.pdf
Publication of leaflet series “The Nairobi work programme: an overview” (available in English, French, Spanish, Arabic, Chinese and Russian) and its work areas (with Spanish version also available for work areas of Climate Related Risk and Extreme Events, and Adaptation Planning and Practices)	This leaflet series is to inform Parties, organizations and those interested in adaptation about the Nairobi work programme on impacts, vulnerability and adaptation to climate change	2009	UNFCCC	http://unfccc.int/files/adaptation/application/pdf/nwpleaflet_overview.pdf http://unfccc.int/adaptation/sbsta_agenda_item_adaptation/items/4628.php
Nairobi work programme technical workshop on integrating practices, tools and systems for climate risk assessment and management and disaster risk reduction strategies into national policies and programmes	This workshop was intended to facilitate the identification of successful examples of using tools and integrating practices for climate risk assessment and management and disaster risk reduction strategies into national policies and programmes. Over 80 participants representing Parties, relevant organizations and experts attended the workshop.	Havana, Cuba, 10–12 March 2009	UNFCCC	http://unfccc.int/resource/docs/2009/sbsta/eng/05.pdf
Nairobi work programme technical workshop on increasing economic resilience to climate change and reducing reliance on vulnerable economic sectors, including through economic diversification	This work was held to promote understanding and the development and dissemination of measures, methodologies and tools for increasing economic resilience, including the understanding of social aspects	Cairo, Egypt, 28–30 April 2009	UNFCCC	http://unfccc.int/adaptation/adverse_effects/items/4781.php
UNFCCC Resource Guide for preparing the National	This guide is intended to assist	2008	UNFCCC	http://unfccc.int/resource/docs/publications/08_resourc

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
Communications of non-Annex I Parties. Module 2 – Vulnerability and Adaptation to Climate Change (available in English only)	non-Annex I Parties to prepare the vulnerability and adaptation section of their national communications			e_guide2.pdf>
Series on Sea and Human Security: Towards a Comprehensive Security for Seas and Oceans: The Hiroshima Initiative (including climate change)	<ul style="list-style-type: none"> Develop a comprehensive approach to ocean security including adaptation to and mitigation of climate change 	28 September to 3 October 2008 Hiroshima, Japan	UNITAR Hiroshima Office, GEF-IW:LEARN, Hiroshima University, Ocean Policy Research Foundation (OPRF), Partnerships in Environmental Management for the Seas of East Asia (PEMSEA), Red Cross / Red Crescent Climate Centre, University of Tokyo	< http://www.unitar.org/hiroshima/unitar-activities/sea-and-human-security >
Workshop on Climate Change Adaptation and Rural Development	<ul style="list-style-type: none"> Training programme for IFAD's Programme Management Department, on how to integrate adaptation in rural development planning focusing in particular on the potential role of NAPAs 	20 November 2008, Rome, Italy	IFAD, UNITAR	< http://www.ifad.org/climate/climtrain/workshops/index.htm >
Capacity Development for Adaptation to Climate Change & GHG Mitigation on Non Annex I countries (C3D+): Inception Workshop	<ul style="list-style-type: none"> Develop a set of training modules and tools, including surveys, case studies on adaptation to climate change, GHG mitigation and poverty reduction, to improve the ability of developing countries to address climate change Plan the annual work plan for 2009 	4 December 2008, Poznan, Poland	UNITAR, SEI, CCCCC, ENDA-TM UCT-ERC UCT-CSAG MIND, CIFOR IISD, SPREPP	< http://www.c3d-unitar.org/?q=node/1 >

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
Series on World Heritage Management: Conservation for Peace: World Heritage Impact Assessment (including climate change)	<ul style="list-style-type: none"> Focus on the effective management of UNESCO World Heritage Sites including exchange of know-how on best practices and case studies, including the incorporation of adaptation to and mitigation of climate change in management and nomination plans 	19–24 April 2009, Hiroshima, Japan	UNITAR Hiroshima Office, Australian Department of Environment and Heritage, Getty Conservation Institute, Hiroshima University, Hyogo University, ICOMOS, Japan Wildlife Research Institute, New Zealand Department of Conservation, UNESCO, Wildlife Institute of India	< http://www.unitar.org/hiroshima/unitar-activities/world-heritage-sites >
Advancing Capacity for Climate Change Adaptation Project (ACCCA): Closing Workshop	<ul style="list-style-type: none"> Present the results of the ACCCA project, and allow pilot action teams and partners to share lessons and identify post ACCCA activities 	10–11 June 2009, Bonn, Germany	UNITAR, SEI, ENDA-TM, UCT-CSAG, MIND, START sec, EU AIDCO, UNFCCC, FOEN, NTC NCAP, DEFRA UK	< http://www.acccaproject.org/accca/ >
Fourth Annual International Water Forum on Securing a Sustainable Water Supply: The Perspective of Relief Organizations (including climate change)	<ul style="list-style-type: none"> Foster peer-to-peer international cooperation by facilitating the exchange of best practices among participants to help formulate a sustainable action plan for water resource management in large and growing urban areas, including adaptation to climate change 	9–10 July 2009 Atlanta, United States	City of Atlanta Department of Watershed Management, UNEP, Veolia Environment and UNITAR CIFAL Atlanta	< http://www.cifalatlanta.org/workshops/sustainability/wf09/water09_index.html >
Pacific Adaptation to Climate Change Inception Workshop	<ul style="list-style-type: none"> Bring together regional and national stakeholders of the Pacific, to discuss the implementation arrangements, deliberate on existing and new 	29 June –3 July 2009 Apia, Samoa	GEF, PACC SPREP, UNDP, UNITAR	< http://202.4.49.29/att/publication/000660_PACCInceptionWorkshopAgenda_draft23_06_09.pdf >

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
	partnerships, including a hands on training on project administration and technical requirements			
Using Climate Information for Adaptation and Policy Development (Winter School, Cape Town 2009)	<ul style="list-style-type: none"> Training for practitioners engaged in decision making, vulnerability assessment, impacts, adaptation, and policy development in Africa, by leading climate scientists and adaptation experts to provide an overview of the latest, relevant climate science as well as sector specific case studies and experiences 	13–24 July 2009 Cape Town, South Africa	UCT-CSAG, UNITAR	< http://www.csag.uct.ac.za/winterschool2009 >
Climate Change Conference at Trincity	<ul style="list-style-type: none"> To recognize vulnerability associated with climate change in the region and build capacity by using modern tools 	9 August 2009, TrinCity, Trinidad and Tobago	CCCCC, UNITAR	< http://www.trinidadexpress.com/index.pl/article_news?id=161521652 >
Assessment of the Vulnerability of the major sectors of the national economies of Liberia, Rwanda and Gambia	<ul style="list-style-type: none"> Provide backstopping on the execution of tools for the development of climate and socio-economic scenarios and biophysical models for crop production, water resources, fisheries, forests, biodiversity, rangelands and livestock 	2009 Gambia, Liberia and Rwanda	UNEP Other: The Climate Committees of Rwanda and Gambia	< www.ccdare.com >
Mau Forest Initiative	<ul style="list-style-type: none"> To build the scientific and economy capacity of the government of Kenya to save and restore the Mau forest and implement a major ecological renovation that will serve as a blueprint for climate adaptation by enhancing natural systems 	September 2008–August 2009 Kenya	UNEP Other: The Government of Kenya and Kenya Wildlife Service	< http://www.unep.org/dewa/assessments/EcoSystems/land/mountain/MauCrisis/index.asp >
REDD and AFOLU (Terrestrial Carbon) readiness and implementation support package	<ul style="list-style-type: none"> Capacity for REDD readiness, including reference level, modelling, assessment, measurement, reporting, verification, reduction strategy 	2008 Ongoing	UN-REDD Other: The Terrestrial Carbon Group	< www.un-redd.net >

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
Ecosystem Management Assessment of Vulnerability of critical Water Ecosystems due to climate change and development of methodologies and tools for assessment .	<ul style="list-style-type: none"> Enhanced capacity to develop scenarios and plans for adaptation strategies and measures for managing or lessening the impacts of human activities and climate change on water resources at various scales and levels, including country and community level 			
Assessment of Water Vulnerability to Climate Change	<ul style="list-style-type: none"> To assess transboundary water resources vulnerability to climate change and to conduct an expert group meeting to assessment methodologies in the Arab region 	2009 (June–December)	UNEP, ESCWA, ISESCO, ACSAD	
Training on Regional Climate Modelling	<ul style="list-style-type: none"> To assess regional climate modelling in use in the region, to train young professionals from the region on various RCM techniques and to assess long-term capacity-building needs A framework for assessing the interface between scientific, economic and policy aspects of V&A assessments 	2009 (18–22 October) West Asia	UNEP, UNDP Other: ACSAD, GTZ, University of Trieste, Italy	
Workshop on Vulnerability and Adaptation Assessments, Asian Region	<p>The workshop aims to provide:</p> <ul style="list-style-type: none"> Discussions on critical reporting issues to ensure a solid chapter on V&A assessments Sharing experiences on how V&A assessments can be designed to provide relevant technical and policy inputs; Discussions on key issues to consider for climate scenarios A framework for assessing the interface between scientific, economic and policy aspects of V&A assessments 	Kuala Lumpur, Malaysia, 21–23 July 2009	UNDP UNEP, UNFCCC	< http://ncsp.undp.org/report_detail.cfm?Projectid=198 >
Training Course on Vulnerability and Adaptation Assessments,	<ul style="list-style-type: none"> Conduct assessments of the current state of knowledge regarding 	Port of Prince, Trinidad and	UNDP	< http://ncsp.undp.org/report_s.cfm >

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
Caribbean Region	vulnerability and adaptation for purposes of SNC <ul style="list-style-type: none"> • Organise, direct and evaluate impact and adaptation analyses that are carried out for their own countries • Participate in impact and adaptation analyses at basic level • Help participants design their V&A studies, and identify needs for further training, as required 	Tobago, 19–25 September 2008	UNEP, UNFCCC	
Third edition of the World Water Development Report	<ul style="list-style-type: none"> • Capacity-building for implementation of adaptation measures • Assessment for implementation of mitigation options • Improved decision making, including assistance for participation in international negotiations • Education, training and public awareness 	16 March 2009 (Istanbul, World Water Forum 5)	UN-Water (26 specialized UN agencies)	< http://www.unesco.org/water/wwap/wwdr/wwdr3/ >

Table 7

Capacity-building activities in support of implementation of adaptation measures

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
Training and Capacity-building to Develop an Environmental Profile in the Niger Delta Region (including climate change)	<ul style="list-style-type: none"> Review the concept and methodologies of environmental profile (EP), including climate change Monitor the plans executed by the Action Groups at state level Redefine line of action where necessary. To offer e guidelines to enable Action Groups produce Environmental Profile of their States 	3 December 2008, Asaba, Delta State	UNIAR PHPO	< http://www.unitar.org >
Training and Capacity-building to Develop an Environmental Profile in the Niger Delta Region (including climate change)	<ul style="list-style-type: none"> Review the concept and methodologies of environmental profile (EP), including climate change Monitor the plans executed by the Action Groups at state level Redefine line of action where necessary Offer guidelines to enable Action Groups produce Environmental Profile of their States 	27–29 January 2009, Umuahia Abia State	UNIRA PHPO	< http://www.unitar.org >
Training and Action Workshop on Climate and Disaster Resilience in Asian Coastal Cities	<ul style="list-style-type: none"> Strengthen the capacity of local authorities to reduce urban risks and to adapt to climate change Understanding the linkages between environmental disasters, climate change and resilience Conducting risk assessments and listing urban risk reduction strategies Identify actions to enhance climate disaster resilience in cities 	18–20 February 2009, Da Nang, Viet Nam	CIFAL Kuala Lumpur, CityNet, Kyoto University, Veolia Environment and UNISDR	< http://www.citynet-ap.org/images/uploads/cityvoice/1922.pdf >
Reinforcement of the technical capacities of civil society organizations and private actors of Togo to face climate change challenges	Training of Civil Society Organization of Togo on climate change adaptation; development of media materials on climate change and climate change adaptation; sensitization of local communities on	2009, Togo	UNEP-UNDP CC DARE Initiative UN Country Office Other: ONG Les	< www.ccdare.com >

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
	climate change adaptation using materials developed; complementing national and the UN Country Office efforts in capacitating civil society organizations to effectively facilitate the sensitization of the population on climate change adaptation.		Amis de la Terre-Togo	
Building capacity of institutions and communities at risk	Conduct meetings, trainings, organization of climate risk management committees and the transmission of Radio programmes on climate change so the community can better cope and/or adapt to climate variability	2009 Benin	UNEP-UNDP CC DARE Initiative Other: Initiatives pour un Développement Intégré Durable (IDID) NGO	< www.ccdare.com >
Integration of climate change into United Nations and UNDP development assistance at the global, regional and national levels	To support UNDP country offices, United Nations Country Teams, and partner countries themselves in integrating climate change risk considerations in national development plans and long-term planning. United Nations programming documents and national development plans		UNDP, UNEP-Risoe	< http://www.undp.org/climatechange/adapt/mainstream.html >
Capacity development workshop, Cape Verde	Provide background information on climate change in general and in Cape Verde in particular and on disaster risk reduction. Screening results of the One United Nations programme were also presented.	Praia, 3 October 2008	FAO, UNCEF, UNFPA, UNODC, WFP and WHO	< http://www.undp.org/climatechange/adapt/mainstream.html >
Capacity development workshop on climate change and mainstreaming, Colombia	Build capacity on climate change and mainstreaming	Bogotá, 29–30 July 2009	UNEP-Risoe, FAO, WFP, UNV, UNODC, UN-Habitat, WHO, IOM, UNFPA, and the Resident Coordinator's Office.	< http://www.undp.org/climatechange/adapt/mainstream.html >
UNDAF screening workshop, Colombia	Present the results of the United Nations Development Assistance Framework (UNDAF) risk screening analysis to representatives of the United Nations agencies and receive their input on the	31 July 2009	UNEP-Risoe, FAO, WFP, UNV, UNODC, UN-Habitat, WHO, IOM, UNFPA, and	< http://www.undp.org/climatechange/adapt/mainstream.html >

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
	content and the proposed adaptation measures		the Resident Coordinator's Office.	
Dialogue on Poverty Reduction and Climate Change, Colombia	Present the results of risk screening analysis for 12 additional development programmes, projects and national policies and discuss climate change impact on sectors in working groups	Bogotá, 3 August 2009	National Government, UNEP-Risoe, FAO, WFP, UNV, UNODC, UN-Habitat, WHO, IOM, UNFPA, and the Resident Coordinator's Office.	< http://www.undp.org/climatechange/adapt/mainstream.html >
Capacity development workshop on climate risk screening, El Salvador	Present UNDP methodology to participants and practice risk screening of the UNDAF in group exercises	San Salvador, 17 September 2009	Various United Nations agencies	< http://www.undp.org/climatechange/adapt/mainstream.html >
Capacity development workshop on climate change and mainstreaming, El Salvador	Build capacity of national stakeholders on climate change and mainstreaming and obtain proposals on potential national development plans and projects to screen	San Salvador, 18 September 2009	Various United Nations agencies	< http://www.undp.org/climatechange/adapt/mainstream.html >
Regional training on climate change in coastal areas	Strengthen capacities of project teams in management of coastal climate change – for national project teams of Mauritania, Senegal, Gambia, Guinea Bissau, and Cape Verde, in the context of a GEF-funded regional project Adaptation to Climate Change- Responding to Coastline Change in its human dimensions in West Africa through Integrated Coastal Area Management	Dakar, 23–25 April 2009	UNESCO, UNDP	< http://www.gm.undp.org/Projects/project_enviro_n_acc.pdf >
Regional Training Workshop on Dunes Reforestation	Train national Project teams in dunes reforestation techniques – for national project teams of Mauritania, Senegal, Gambia, Guinea Bissau, and Cape Verde, in the context of GEF-funded regional project Adaptation to Climate Change- Responding to Coastline Change in its human dimensions in West Africa through Integrated Coastal Area Management	Nouakchott, Mauritania, 13–16 June 2009	UNESCO, UNDP	< http://www.gm.undp.org/Projects/project_enviro_n_acc.pdf >

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
Training on Disaster Risk Management for Selected Senior Officials and Staff of the Government of Lao PDR	Familiarize participants with concepts and principles of disaster risk management; help them in understanding their roles in policy formulation and implementation of disaster risk reduction in relation to poverty reduction and climate change adaptation. The training was primarily targeted at the National Disaster Management Office and the GEF-funded Second National Communication working groups (comprised of representatives from multiple sectors).	2-4 September 2009	UNDP	
Regional Workshop on GLOF Risk Reduction in the Himalayas (India, Pakistan, Nepal and Bhutan)	Providing a platform for discussion on the subject and policy inputs to the countries in the region as to how GLOF risk reduction can be factored in development projects and community level contingency planning. In the context of regional project Regional Glacial Lake Outburst Floods (GLOF) Risk Mitigation Project, with support from the European Community DIPECHO program and BCPR.	January – December 2009 in Paro, Bhutan.	UNDP	< http://www.undp.org.bt/info/pr08/glof_rr.pdf >; < www.managingclimaterisk.org/glofs.htm >
Developing capacities in coastal adaptation in developing countries	Self-driven efforts to strengthen the existing science-base for coastal adaption and more climate-resilient coastal planning	Focussed on West Africa	UNESCO, UNDP-GEF UNDP local offices	< http://www.accc-afr.net/ >

Table 8

Capacity-building activities in support of assessment for implementation of mitigation options

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
CASCADE - Carbon Finance for Agriculture, Silviculture, Conservation and Action against Deforestation	Enhance expertise to generate carbon credits in land use, land use change and forestry (LULUCF) as well as bioenergy activities in Sub-Saharan African countries	2007–2010 Benin, Cameroon, Democratic Republic of the Congo, Gabon, Madagascar, Mali, and Senegal	UNEP UNEP Risoe Centre Other: CIRAD ONF- the French National Forestry Office	< http://cascade-africa.org/ >
Consultation of CSOs and Indigenous Peoples' Representatives about REDD mechanism, Indonesia	Presentation of the REDD programme in order to obtain recommendations and inputs from civil society and indigenous peoples	Jakarta, 20 May 2009	UNEP, FAO	< http://www.un-redd.org/UNREDDProgramme/CountryActions/Indonesia/tabid/987/language/en-US/Default.aspx >
Workshop on Monitoring, Assessment and Verification, convened by the UN-REDD Programme	To develop a roadmap with activities regarding monitoring and verification based on identified information and methodological gaps and needs and to initiate a process that ensures that the wide body of knowledge and initiatives related to REDD contribute to a coordinated framework or guidelines for REDD monitoring, assessment and verification systems that are able to support any agreed international REDD approach. and to initiate a process that ensures that the wide body of knowledge and initiatives related to REDD contribute to a coordinated framework or guidelines for REDD monitoring, assessment and verification systems that are able to support any agreed international REDD approach.	Washington DC, 16–17 September 2008	UNDP, UNEP, FAO	< http://www.un-redd.org/portals/15/documents/events/20080917washington/WorkshopReport_Washington20080917.pdf >

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
Capacity development for expanding energy access through decentralized off-grid energy options	To help countries take full advantage of decentralization opportunities to integrate energy issues into local development planning	2009	UNDP	< www.undp.org/energy >
UNESCO/IHA Greenhouse Gas (GHG) Status of Freshwater Reservoirs Research Project	<p>This project intends to strengthen knowledge of the status of GHG emissions of freshwater reservoirs and to enhance mitigation of vulnerable sites via the following outputs:</p> <ul style="list-style-type: none"> • A measurement specification guidance to be applied to a representative set of reservoirs • A results database from representative reservoirs • Predictable modelling tools to assess the GHG status of unmonitored reservoirs and potential new reservoir sites • An empirical prediction modelling tool • A process-based prediction model • Guidance and assessment tools for GHG mitigation for vulnerable sites 	2006–2012; Global	UNESCO	<p><http://unesdoc.unesco.org/images/0018/001836/18366e.pdf></p> <p><http://unesdoc.unesco.org/images/0018/001831/183167e.pdf></p> <p><http://unesdoc.unesco.org/images/0018/001825/182588e.pdf></p> <p><http://unesdoc.unesco.org/images/0018/001817/181713e.pdf></p> <p><http://www.hydropower.org/climate_initiatives/GHG-Reference_Documents_and_Project_Deliverables.html></p>

Table 9

Capacity-building activities in support of research and systematic observation

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
WMO Global Atmosphere Watch (GAW) Global Greenhouse Gas Monitoring Network: A Comprehensive Network of GCOS	Lead the coordination of a unique internationally accepted framework for calibrating, measuring, archiving, analyzing and assessing greenhouse gases in the atmosphere as part of the Integrated Global Carbon Observations System of GEO	1975 to present, Global Partnership, Secretariat Geneva Switzerland	WMO, National and Regional Research Agencies	< http://www.wmo.int/gaw >
	To build a Integrated Global Carbon Tracking System that combines WMO-GAW observations from surface-based (in situ and remote sensing), aircraft and satellites with data assimilation by global or regional atmospheric carbon cycle models to deduce net atmosphere/earth exchange of carbon dioxide and methane on a routine basis. These products are essential in verifying effectiveness of future carbon mitigation activities.			
Climate Observations and Regional Modelling in Support of Climate Risk Management and Sustainable Development A three-workshop project supported by the World Bank	To help ensure that attention is given by countries in the Greater Horn of Africa (GHA) region to observation and data needs, to demonstrate the use and value of regional models, to provide advice on model limitations, and to improve capabilities across the GHA for using data records and model projections for adaptation planning	Commenced June 2009 with preparatory meeting in Geneva. To be followed by three workshops to be held in Nairobi, Kenya at approximately 6-month intervals beginning with first in February 2010.	ICPAC, GCOS, WCRP, WMO	
Letter signed by Executive Heads of the Sponsors of GCOS (WMO, UNEP, IOC, ICSU)	To encourage both developed and developing countries to establish appropriate national coordination	Global activity. Letter mailed June 2009.	Sponsors of GCOS:	

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
	mechanisms for the implementation of the Global Climate Observing System (GCOS) on a national level given that the ultimate success of GCOS will depend on effective coordination at the national level. This assumed even greater	Countries are beginning to designate national coordinators. We now have about 25.	ICSU, IOC, UNEP, WMO	
	importance with the adoption of the UNFCCC Nairobi Work Programme on adaptation to climate change.			
Progress Report on the Implementation of a Global Observing System for Climate in Support of the UNFCCC 2004-2008	To assess the status of required climate observations on a global scale and to report on the progress made in fulfilling the targets since the first report in 2004	Published in August 2009. Update of the Implementation Plan is underway, incl. a cost estimate which will be reported to COP 15.	GCOS	Progress Report available on Web: < http://www.wmo.int/pages/prog/gcos/Publications/gcos-129.pdf > Up-date of the Report not yet available.
Regional Climate Outlook Forums (RCOFs): Coordinated and promoted around the world; and initiated where needed in vulnerable regions (e.g. South Asia – SASCOF, launched in 2009)	These Regional Climate Outlook Forums enhance capabilities of WMO's National Meteorological and Hydrological Services to carry out skilful and reliable long-range forecasting (monthly, seasonal to interannual prediction) and climate prediction and projections; provide user-relevant, consensus-driven seasonal prediction and products and services for coping with climate variability and change; and provide a forum for interaction and dialogue between providers of climate information, and users of that information	RCOFs generally take place at times of significant change of season for a sub-region. One or two RCOFs per year are common in most regions, with frequent updates throughout the year. Regular RCOFS occur in	WMO and the NMHSs; regional centres on most continents	< http://www.wmo.int/pages/prog/wcp/wcasp/wcasp_home_en.html > < http://www.wmo.int/pages/themes/climate/consensus_driven_predictions.php >

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
		the Greater Horn of Africa (GHACOF), Southern Africa (SARCOF); Western Africa (PRESAO); Western Coast of South America (WCSACOF), Asia (FOCRAII), southeastern Europe (SEECOF)		
International Expert review meeting on Regional Climate Outlook Forums	<p>This meeting recognized the progress made in implementation and operation of RCOFs over a decade, and aimed to undertake a comprehensive global review of the RCOF process, share experiences, highlight successes, address the challenges and pave the way forward for the future of RCOFs.</p> <p>The meeting recognized that RCOFs have sustained climate activities in many sub-regions focusing on seasonal outlooks and updates, capacity-building through training, networking and infrastructure development. It welcomed the recognition by the SBSTA of RCOFs as an adaptation tool and called for further expansion of RCOFs products by developing and providing consensus based regional climate scenarios for impact assessments and adaptation. Development of related future training courses was discussed.</p>	Arusha, Tanzania, 3–7 November 2008	WMO; Tanzanian Meteorological Agency, ICPAC, UNFCCC, ADPC, ACMAD, IRI, Meteo-France, UKMetOffice, CMA, NOAA/NCEP, BoM, CRRH, CIIFEN, FEWSNET	Report in preparation.

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
El Niño/La Niña Update	These consensus-based products rely on partners in research and operational communities around the world, and serve to inform the public and users of the current status and the most likely evolution of ENSO-related conditions. The process builds an effective link between research and operations and the public, and increasingly reduces uncertainty in ENSO-related information.	The updates are coordinated and published, as needed, based on significant changes in the ENSO cycle (19 August 2009; 18 June 2009; 17 February 2009; 21 November 2008; 24 June 2008)	WMO and its NMHSs and GPCs; IRI; WCRP CLIVAR experts and regional panels;	< http://www.wmo.int/pages/prog/wcp/wcasp/wcasp_home_en.html >
WMO Regional Climate Centres (RCCs): In June 2009 at the 61 st session of its Executive Council, WMO established the mechanism for formal designation of Regional Climate Centres within the WMO technical regulations. At the same time, WMO designated the first RCCs, in Beijing and Tokyo. On 19 September 2009, a pilot RCC-network was launched for Europe.	Regional climate Centres (RCCs) are centres of excellence that assist WMO members in a given region to deliver better climate services and products including long-range forecasts. RCCs also strengthen members' capacity to meet national needs for climate information for climate risk management, disaster risk reduction, and adaptation over the longer term to climate change	EC-LXI, June 2009, Geneva, Switzerland	Individual ENSO specialists; Communications specialists; RCOF coordinators, etc. NMHSs and WMO	
Training workshop for climate experts, research community and user groups: the WMO "CLIPS" workshop for polar regions	The Climate Information and Prediction Services (CLIPS) Project has fostered development of technical and professional capacity for climate information, products and services for more than a decade. WMO seeks to expand the CLIPS approach to all	8–11 September 2008, St Petersburg, Russian Federation	WMO, WCRP, IPY, NMHSs	Report of this session is available.

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
	parts of the world, including polar regions that are highly vulnerable to climate change and have proposed the concept of a Polar Climate Outlook Forum (PCOF)			
New WMO project, funded by the Korea International Funding Agency (KOICA) on 'Regional Climate Framework in eastern Africa, to support adaptation to climate change'.	The intent is to establish a regional climate information network in eastern Africa, with a reinforced ICPAC as a key element; to facilitate RCOFs in the GHA; and to strengthen relationships between regional institutions	New activity, in development of workplan.	WMO, Korea KOICA, ICPAC, Countries in the Greater Horn of Africa	New activity in summer 2009.
IRI-WMO Workshop on tailoring seasonal forecasts: training experts in the Climate Predictability Tool	The International Research Institute for Climate and Society (IRI), WMO and the host, Beijing Climate Centre, China, are holding a two week training workshop for seasonal climate forecasters. The aim is to enhance the capability of NMHSs to provide high quality, tailored seasonal forecast information to application sectors. In turn, this will contribute to more effective climate-related risk management practices.	Beijing Climate Centre, Beijing, China, 19–30 October 2009	IRI, WMO, BCC, China	New activity
WCRP Working Group on Coupled Modelling	Climate modelling experiments and projections on decadal and centennial timescales; input to IPCC Fifth Assessment Report	Ongoing	NMHSs, and research institutes globally	< http://www.clivar.org/organization/wgcm/wgcm.php >
Coordinated Regional climate Downscaling Experiment (CORDEX)	Evaluate regional climate downscaling techniques for use for climate change adaptation and other applications; initial focus on Africa	Ongoing	NMHSs, and research institutes globally	< http://wcrp.ipsl.jussieu.fr/RCD_Projects/CORDEX/CORDEX.html >
Enhancing Climsoft capabilities for Climate Data and Metadata Exchange – Training of Trainers	Develop a strategy for Developing Countries Climate Data Management System based on sustained infrastructure and regional well trained experts as trainers. The Software CLIMSOFT has been upgraded to allow improved Metadata for functionalities	Lusaka, Zambia, April 2009	WMO, Met Office UK, Bureau of Meteorology Australia, ACMAD, FEWS-net, NMHS from Africa, Caribbean, and South East	< http://www.wmo.int/pages/prog/wcp/wcdmp/documents/AgendaClimsoftZambia.pdf >

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
			Asia	
CCI Expert Team meeting on the WCP requirements for Metadata	The meeting addressed the Metadata Requirements for the World Climate Programme with particular emphasis in Climate Catalogues and Metadata for search, discovery and retrieval	Toulouse, France, March 2009	WMO, Commission for Climatology, WMO Commission for Instruments and Method of Observations and the WMO Information System	Report to be published in late 2009
CCI Expert meeting on Rescue, Preservation and Digitization of climate records	The Expert Reviewed Data Rescue Projects worldwide and provided list of recommendations including setting up a global data rescue portal to streamline up-to-date information on data rescue and help identifying urgent actions to carry out these important activities for climate assessment and monitoring	Bamako, Mali, 13–15 May 2008	WMO, AEMET Spain, NOAA-NCDC, ACMAD, commission for Climatology	< http://www.wmo.int/pages/prog/wcp/wcdmp/wcdmp_series/documents/ET13reportFinal.pdf >
Workshop on climate monitoring including the implementation of Climate Watch System in Southern America (RA-III)	Achieve a sustained, operational and coordinated climate watch system in South American Region in accordance with the National Meteorological and Hydrological Services' mission in contributing to the protection of lives and properties	Guyaquil, Ecuador, December 2008	WMO, NOAA-CPC, CIIFEN, CPPS, University of ESPOL in ECUADOR NMHSs in South America	Brochure describing Climate Watch Systems: In English: < http://www.wmo.int/pages/publications/showcase/documents/CWS_EN_v1.pdf > In Spanish < http://www.wmo.int/pages/publications/showcase/documents/Sistema_vigilancial_clima_S.pdf >
	Recommendations Regional Level: Sustained mechanism for implementation 1- Establishment of working groups and centers of Excellencies. The Working Groups need to liaise with the WMO-RA-			

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
	<p>III working group on climate matters.</p> <p>2- Establishment of sustainable interaction mechanism amongst participating countries and institutions,</p> <p>3- Organize regular meetings for exchange of information,</p> <p>4- Accelerate the establishment of WMO designated Regional Climate Centers in the region. The President of CCI will provide the WMO guidance document (action already done immediately after the workshop)</p> <p>Recommendations National Level: Sustained mechanism for implementation</p> <p>1- National Climate Watch Mechanisms to be established to start issuing climate watch advisories within NMHSs based on existing knowledge and expertise and benefiting from the long experience in issuing weather warnings.</p> <p>2- It was left for consideration by each country how to organize climate watch unit at NMHSs level, to meet the specific national requirements and organizational aspects. This unit could be the forecasting unit, the climate unit, a joint weather-climate unit, etc.</p>			
	<p>3- Establish a coordination mechanism with users at national level, such as for example setting up National Climate Watch Forums (NCWFs), but this is left open for consideration by each country. (NCWFs) were proposed as a mechanism inspiring from the successful RCOF mechanism already established at regional level and will deal primarily with progress review in</p>			

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
	the climate watch implementation, the interaction with users and the development of Code of Conduct (C.o.C) of NMHSs in the region during climate related crisis, with respect to communication with various kind of users and media.			
Regional training workshop on Climsoft and a seminar on climate change indices for Central Africa	Participants to this event included International Experts and climate experts from NMHSs in Central Africa. Four weeks of capacity-building including training, provision of laptops and software for climate data management and analysis of historical data including data homogenization and analysis of climate extremes based on internationally agreed methodology developed by the Joint CCI/WCRP-Clivar/JCOMM Expert Team on climate change detection and indices (ETCCDI). The Methodology is described in a recently published WMO guidelines document.	Brazzaville, Congo, April 2007	WMO, Met Office UK, University of Rovira I Virgílie Tarragona, Spain, and NMHSs from the Central African sub-Region	< http://cccma.seos.uvic.ca/E_TCCDI/congo/Congo_group_photo.jpg > Summary < http://www.wmo.int/pages/publications/meteoworld/archive/feb09/etccdi_en.html > Proceedings of the Workshop: < http://www.omm.urv.cat/MEDARE/docs/Proceedings_MEDARE.pdf > http://www.wmo.int/pages/prog/wcp/wcdmp/wcdmp_series/documents/WCDMP_72_TD_1500_en_1.pdf
Regional training workshop on Climsoft and a seminar on climate change indices for South East Asia	Participants to this event included International Experts and climate experts from NMHSs in South East Asia. Four weeks of capacity-building including training, provision of laptops and software for climate data management and analysis of historical data including data homogenization and analysis of climate extremes based on internationally agreed methodology developed by the Joint CCI/WCRP-Clivar/JCOMM Expert Team	Hanoi, Viet Nam, December 2007	WMO, Met Office UK, Bureau of Meteorology Australia, and NMHSs from the Central African sub-Region	< http://www.clivar.org/organization/etccdi/docs/ETCCDI_Vietnam_workshop_report_final.pdf > < http://www.wmo.int/pages/prog/wcp/wcdmp/wcdmp_series/documents/WCDMP_72_TD_1500_en_1.pdf >

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
	on climate change detection and indices (ETCCDI). The Methodology is described in a recently published WMO guidelines document.			
International Workshop on Data Rescue preservation and Digitization of climate Records in the Mediterranean Basin	Participants from International climate institutions, universities and projects side by side with climate experts from the Mediterranean National Meteorological and Hydrological services discussed the issue of climate data, metadata with focus on data rescue. A major outcome was the set-up of the WMO Mediterranean Data Rescue Initiative Called MEDARE.	Tarragona, Spain, November 2007	WMO, AEMET Spain, University of Rovira I virgílie, Tarragona-Spain, NOAA-NCDC, Climate Research Unit UK, METEO France, and NMHSs in Mediterranean Region IEDRO (non profit organization on data rescue)	Summary Report: < http://www.omm.urv.cat/MEDARE/docs/medare_summary_report.pdf > Proceedings the Workshop: < http://www.omm.urv.cat/MEDARE/docs/Proceedings_MEDARE.pdf > < http://www.omm.urv.cat/MEDARE >
Climate System Monitoring	An end-to-end WMO programme from data to provision of climate monitoring products and services to support worldwide climate activities. It provides the framework for international coordination for producing the world authoritative statements on the status of the global climate systems. The statement provides the state of the climate of the year in terms of global temperature trends, regional temperature behaviour as well as the observed anomalies and extremes in the climate system. It supports WMO members, NMHSs monitoring activities by providing global and regional	Continuous Programme. December: a WMO press release on the state of the climate system March: a complete publication is produced and sent to all members as well	WMO, NMHSs and several climate monitoring centres and institutions - See list in publication < http://www.wmo.int/pages/prog/wcp/wcdmp/documents/WMO1039_EN_web.pdf >	< http://www.wmo.int/pages/prog/wcp/wcdmp/wcdmp_home_en.html > Statement of 2008 < http://www.wmo.int/pages/prog/wcp/wcdmp/documents/WMO1039_EN_web.pdf >

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
	variability context of the climate system.	as several international agencies, research centres and academia.		
Monitoring changes in ecosystems using earth observations and GIS technologies connecting local to global	Strengthen monitoring and research capacity at the regional, national and local levels; support to national and regional institutions in data collection, analysis and monitoring of environmental trends			
Establishing and maintaining a representative climate monitoring system for effective monitoring of national, regional and global monitoring of climate variability and change	Determine gaps in the meteorological data collection and climate monitoring network of Seychelles; procure automatic weather stations for filling the gaps; install automatic weather stations to fill the gaps; training of both meteorological and non-meteorological (volunteer observers) staff and user communities to collect data and maintain the automatic stations	2009–2010 Seychelles	UNEP Other: National Meteorological Services, Division of Climate and Environmental Services, Department of Environment Seychelles Island Foundation (SIF)	<www.ccdare.com>
Establishment of Atmospheric Emission Reduction Technology Centre, Qatar	To promote applied research on ODS alternatives which also has climate benefits to reduce GHG emissions	2009 ongoing	UNEP, Ozone Secretariat	< http://www.unep.fr/ozonAction/information/mmcfiles/6247-e-prelease_%20ozone_monitoring.pdf >

Table 10

Capacity-building activities in support of development and transfer of technology

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
Maintenance of the technology transfer information clearinghouse TT:CLEAR	The secretariat has developed a technology information system (TT: CLEAR), including an inventory of environmentally friendly technologies and projects, as well as its technology web page. The main objective of TT:CLEAR is to improve the flow of, access to and quality of information relating to the development and transfer of environmentally sound technologies under the Article 4.5 of the Convention and to contribute to more efficient use of available resources by achieving synergy with other ongoing efforts		UNFCCC	< http://unfccc.int/ttclear/jsp/index.jsp >
UNFCCC African regional workshop on preparing technology transfer projects for financing	The objective of the workshop is to enhance the capacity of project developers in African countries in preparing project proposals that will meet the standards of international financial providers. More specifically, the workshop aims to support efforts to implement the results of technology needs assessments that have been or are being carried out by developing countries within the UNFCCC process, with a view to scaling up the level of investment for technology transfer to help developing countries address their needs for environmentally sound technologies for both mitigation and adaptation to climate change.	Gaborone, Botswana 2–4 September 2009	UNFCCC	< http://unfccc.int/ttclear/jsp/TrnDetails.jsp?EN=Training Workshop >
Expert Group on Technology Transfer (EGTT) 3 rd Meeting (EGTT members only)		13–14 May 2009 Bonn, Germany	UNFCCC, EGTT	< http://unfccc.int/ttclear/jsp/EGTTDoc/Agenda-3.pdf >

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
EGTT Special Meeting (EGTT members only)		24–26 February 2009, Bonn, Germany	UNFCCC, EGTT	< http://unfccc.int/ttclear/jsp/EGTTDoc/ProvisionalAgenda-SM3.pdf >
EGTT 2 nd Meeting (EGTT members only)		21–23 October 2008, Dublin	UNFCCC, EGTT	< http://unfccc.int/ttclear/jsp/EGTTDoc/Agenda-2.pdf >
Publication: Handbook for conducting technology needs assessment for climate change	Advance document of the updated Technology Needs Assessment Handbook (TNA Handbook)	June 2009	UNFCCC, UNDP, EGTT, Climate Technology Initiative	< http://unfccc.int/ttclear/pdf/TNA%20Handbook%20-%20Advance%20Document%20June09.pdf >
Workshop on Landfill Gas-to-Energy Conversion	<ul style="list-style-type: none"> • Discuss best options for solid waste management • Study key components for a successful Landfill project gas-to-energy, including requirements, funding, applications and technology 	29–30 October 2008, Buenos Aires, Argentina	UNITAR CIFAL Atlanta, EPA.	< http://www.cifalatlanta.org/workshops >
Workshop on Landfill Gas-to-Energy Conversion	<ul style="list-style-type: none"> • Discuss best options for solid waste management • Study key components for a successful Landfill project gas-to-energy, including requirements, funding, applications and technology 	12–13 November 2008, Sao Paulo, Brazil	UNITAR CIFAL Atlanta, EPA.	< http://www.cifalatlanta.org/workshops >
Seminar on Retrofitting Your Home	<ul style="list-style-type: none"> • Explore the challenge of retrofitting existing homes • Learn about the latest ideas and technologies and how to incorporate them into the existing housing stock • Examine the basics of whole-house retrofit • Benefit from one-to-one energy saving advice surgeries with experts from Energy Saving Scotland Advice Network 	10 June 2009, Findhorn Ecovillage, Forres, Morray, Scotland	UNITAR CIFAL Findhorn, Energy Saving Scotland Advice Network, Transition Town Forres and Natural Scotland Scottish Government.	< www.cifalfindhorn.org >
Market transformation for the use of Solar Water Heating	<ul style="list-style-type: none"> • Accelerate global commercialization and market transformation of solar water heating, thereby reducing the current use of electricity and fossil fuels for hot water preparation. 	India, Algeria, Lebanon, Chile, Albania, Mexico	UNEP and UNDP	A website will be operational prior to COP 15

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
Technology Needs Assessment	<ul style="list-style-type: none"> Provide targeted financial and technical support that assists developing countries in carrying out improved TNA within the framework of Article 4.5 of the UNFCCC. Assisted countries will develop national technology action plans for prioritized technologies that reduce greenhouse gas emissions, support adaptation to climate change. 	Under implementation in 35–45 countries	UNEP, UNDP	A preliminary activity report will be prepared for the end of 2009

Table 11

Capacity-building activities in support of improved decision-making

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
Preparatory Workshops for (Lead) Negotiators from Developing Countries	The goal of these workshops is to ensure that the negotiators from developing countries are: (a) fully abreast of the latest developments in advancing the Bali Road Map; and (b) prepared to effectively and efficiently participate in negotiations in all bodies of the Convention and its Kyoto Protocol	1. Regional Group: Asia. Colombo, 11–13 May 2009	UNFCCC and UNEP	
June 2009 Sessions (AWG-LCA, AWG-KP, SBSTA, SBI)	An overall goal of these workshops is therefore to assist the Parties articulate and/or refine their national and wherever possible, regional policy positions in respect to the concrete agenda items of the upcoming UNFCCC sessions	2. Regional Group: Least Developed Countries. Siem Reap (Cambodia), 18–20 May 2009		
		3. Regional Group: Latin America. Panama City, 21–22 May 2009		
		4. Regional Group: Africa. Nairobi, 23–24 May 2009		
		5. Regional Group: Alliance of Small Island States. Granada, 22–25 July 2009		

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
Preparatory Workshops for (Lead) Negotiators from Developing Countries	The goal of these workshops is to ensure that the negotiators from developing countries are: (a) fully abreast of the latest developments in advancing the Bali Road Map; and (b) prepared to effectively and efficiently participate in negotiations in all bodies of the Convention and its Kyoto Protocol.	1. Regional Group: Asia. Bangkok, 27–29 October 2009	UNEP and UNFCCC	
December 2008 Sessions (COP, CMP, AWG-LCA, AWG-KP, SBSTA, SBI)	An overall goal of these workshops is therefore to assist the Parties articulate and/or refine their national and wherever possible, regional policy positions in respect to the concrete agenda items of the upcoming UNFCCC sessions	2. Regional Group: Least Developed Countries. Maseru (Lesotho), 27–29 October 2008		
		3. Regional Group: Latin America. Poznan, 27–28 November 2008		
		4. Regional Group: Africa. Algiers, 16–18 November 2008		
		5. Regional Group: Alliance of Small Island States. Singapore, 3–6 November 2008		
Support the drafting and adoption of the Nairobi Declaration on the African Process for Combating Climate Change	Provision of technical support to the 3 rd Special Session of AMCEN (African Ministerial Conference on the Environment)	2009 (25–29 May)	UNEP	< http://www.unep.org/roa/Amcen/Amcen_Events/3rd_ss/default.asp >

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
Provision of technical support to the meetings of the Pan African Parliamentarians' Network on Climate Change	Support the discussions of the Pan African Parliamentarians' Network on Climate Change	Ongoing	UNEP	
National Seminar on Road to Copenhagen	To raise awareness and prepare Bahrain negotiation team to Copenhagen	2009 (September)	UNDP, UNEP	
Provision of demand-driven, targeted and flexible technical and financial support to sub-Saharan African countries for the integration of climate change issues into development planning and decision-making frameworks under the CC DARE (Climate Change and Development – Adapting by Reducing Vulnerability) Programme	Enhanced knowledge, skills and partnerships in systematic mainstreaming of climate change issues; stronger technical and institutional capacities for identifying, prioritizing and implementing cost-effective adaptive measures consistent with national development goals; refined or strengthened national adaptation plans and policies; enhanced regional cooperation on climate change issues	Ongoing sub-Saharan African countries	UNDP, UNEP	< http://ccdare.org/ >
UNDP Global Project: Capacity Development for Policy makers to Address Climate Change	To strengthen the national capacity of up to 20 developing countries to develop policy options for addressing climate change across different sectors and economic activities, which could serve as inputs to negotiating positions under the Convention	May 2008	UNDP, UNEP, UN-REDD	< www.undpcc.org >
National Inter-Ministerial Dialogue on Climate Change in Paraguay		Asunción, 14–15 April 2009	FAO, OPS-OMS, UNDP	< http://www.undpcc.org/content/paraguay-en.aspx >
National Inter-Ministerial Dialogue on Climate Change in Costa Rica		San José, 6–8 May 2009	UNDP	< http://www.undpcc.org/content/costa_rica-en.aspx >
National Inter-Ministerial Dialogue on Climate Change in Honduras		Tegucigalpa, 14–16 May 2009	FAO, UNDP	< http://www.undpcc.org/content/honduras-en.aspx >
National Inter-Ministerial Dialogue on Climate Change in Togo		Lome, 20–22 May 2009	UNDP	< http://www.undpcc.org/content/togo-en.aspx >
National Inter-Ministerial Dialogue on Climate Change in St. Lucia		Castries, 20–22 May 2009	UNDP	< http://www.undpcc.org/content/st_lucia-en.aspx >

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
National Inter-Ministerial Dialogue on Climate Change in Liberia		Monrovia, 24–26 June 2009	UNEP	< http://www.undpcc.org/content/liberia-en.aspx >
National Inter-Ministerial Dialogue on Climate Change in Peru		Lima, 22–24 July 2009	FAO, UNDP	< http://www.undpcc.org/content/peru-en.aspx >
National Inter-Ministerial Dialogue on Climate Change in Colombia		Bogotá, 4–5 August 2009	FAO, UNICEF	< http://www.undpcc.org/content/colombia-en.aspx >
National Inter-Ministerial Dialogue on Climate Change in Nicaragua		Managua, 26–28 August 2009	UNDP	< http://www.undpcc.org/content/nicaragua-en.aspx >
National Inter-Ministerial Dialogue on Climate Change in Dominican Republic		Santo Domingo, 2–4 September 2009	UNDP	< http://www.undpcc.org/content/dominican_republic-en.aspx >
Training on I&FF assessment for the Energy (Mitigation) and Land-use change (Adaptation) sectors in Namibia	<ul style="list-style-type: none"> • To train national teams in how to conduct an assessment of Investment and Financial Flows • (I&FF) for nationally selected key sectors using UNDP methodology • Review and refinement of national workplans for undertaking I&FF assessment • Institutional arrangements and next steps agreed • Technical backstopping arrangements & communication protocols agreed 	Walvis Bay, 30 June–2 July 2009	UNDP	< http://www.undpcc.org/documents/g/namibia/default.aspx >
Training on I&FF assessment for the Agriculture/Livestock (Adaptation) and Forestry (Mitigation) sectors in Niger	See above	Niamey, 6–8 July 2009	UNDP	< http://www.undpcc.org/content/niger-en.aspx >

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
Training on I&FF assessment for the Electricity production (Mitigation), Oil and gas production (Mitigation), and Water (Adaptation) sectors in Turkmenistan	See above	Ashgabat, 13–15 July 2009	UNDP	< http://www.undpcc.org/content/turkmenistan-en.aspx >
Training on I&FF assessment for the Biodiversity (Adaptation), Water (Adaptation) sectors in Costa Rica	See above	San José, 11–13 August 2009	UNDP	< http://www.undpcc.org/content/costa_rica-en.aspx >
Leading Climate Change: Making an Impact on UNFCCC Negotiations at COP 15 – Training for the National Delegation of Lao PDR	This training aimed to enhance the capacity of the Lao PDR delegation to actively participate in COP15. Specific topics covered during the training included: introduction to UNFCCC; status of Lao PDR's engagement with the negotiation process; linkages from Bali to Poznan, Bonn and Copenhagen; negotiation skills, negotiating processes, REDD, NAMA, technology transfer, and financing architecture	Vientiane Lao, 16–18 September 2009	FAO, UNDP, UNEP, World Bank	< http://www.undplao.org/newsroom/pressrelease.php >

Table 12

Capacity-building in support of the clean development mechanism

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
Climate Change Negotiation Training Workshop for policy-makers, technical staff of the State Secretariat for Environment and civil society in Timor Leste.	Capacity-building on climate change and key points of the Copenhagen negotiations of key entities implementing activities on climate change	Dili, 2–4 September 2009	UNDP, UNEP Bangkok	
Africa Carbon Forum	Initiative under the Nairobi Framework	3–5 September 2008	UNDP, UNEP, UNFCCC, IETA, World Bank	< http://www.ieta.org/ieta/www/pages/index.php?IdSitePage=1560 >
DNA Forum 7	Meeting of all DNA to transfer CDM know-how and discuss possible ways to improve regional distribution	25–26 April, Bonn 2009	UNFCCC	DNA Forum Extranet
Joint workshop 6	To facilitate exchange between all CDM involved partners (EB, Panel members, DNAs)	27–28 April 2009, Bonn	UNFCCC	
DNA Forum 6	Meeting of all DNA to transfer CDM know-how and discuss possible ways to improve regional distribution	27–28 October 2008, Chile	UNFCCC	DNA Forum Extranet
Maintenance of CDM Bazaar	To facilitate exchange of information among buyers, sellers and service providers engaged in the CDM		UNFCCC, UNEP	www>.cdmbazaar.net < http://unfccc.int/resource/docs/publications/bazaar.pdf >
CDM audio file service	These audio files were created to help spread the word about the CDM in plain language	July 2009	UNFCCC	< http://cdm.unfccc.int/about/multimedia/podcasts/index.html >
Publication: Clean Development Mechanism 2008 in brief		November 2008	UNFCCC	< http://unfccc.int/resource/docs/publications/08_cdm_in_brief.pdf >
CDM international photo contest 2008	The contest is intended to raise awareness about the Kyoto Protocol's CDM	2008 (online)	UNFCCC	< http://cdm.unfccc.int/contest/winners.html >
CDM international photo contest 2009	The contest is intended to raise awareness about the Kyoto Protocol's CDM	2009 (online)	UNFCCC	< http://cdm.unfccc.int/contest/index.html >
CDM Audio Files	These audio files were created to help spread the word about the CDM in plain language	2009 (online)	UNFCCC	< http://cdm.unfccc.int/about/multimedia/podcasts/index.html >

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
Climate Change Negotiation Training Workshop for policy-makers, technical staff of the State Secretariat for Environment and civil society in Timor Leste.	Capacity-building on climate change and key points of the Copenhagen negotiations of key entities implementing activities on climate change	Dili, 2–4 September 2009	UNDP, UNEP Bangkok	
CD4CDM – Capacity Development for the CDM	Help to indentify and implement GHG emission reduction projects that are consistent with national sustainable development goals, particularly projects in the energy sector	First phase from mid 2002 to 2006. Extended phase from 2007–2009 Multicountry ² and multiyear project	UNEP (DTIE) UNEP Risoe Centre Other: Regional Centres of excellence: Fundacion Bariloche; AIT ENDA South–South–North TIMS (E2RC)	< http://www.cd4cdm.org >
EC-ACP-MEAS/CDM – Clean Development Mechanism sub-component – Capacity-building related to multilateral environmental agreements (MEA) in African, Caribbean and Pacific (ACP) countries	Enable the targeted ACP countries to fully participate in the global carbon market. By the end of the project, host countries will be able to identify, design, approve, finance, implement and monitor CDM projects that both address its sustainable development priorities as well as offer a cost-effective option for carbon credit buyers to comply with their obligations under the Kyoto Protocol	2009–2013 ACP Countries	UNEP(DELC) UNEP Risoe Centre Other : AUC CARICOM, SPREP	Preliminary information: < http://www.unep.org/AfricanCaribbeanPacific/MEAs/index.asp >; < http://uneprisoe.org/CDMCapacityBuild/index.html >

² First Phase: from mid 2002 to 2006 in 12 countries: Plurinational State of Bolivia, Cambodia, Côte d’Ivoire, Ecuador, Egypt, Ghana, Guatemala, Morocco, Mozambique, Philippines, Uganda and Viet Nam. Extended phase: from 2007 to 2009 in Algeria, Bangladesh, Mauritius, Nicaragua, Peru, Surinam, and United Republic of Tanzania.

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
CDM Capacity-building Project	Enhance public and private sector capacity to access carbon finance, and to overcome barriers that stand in the way of the take-off of carbon project markets in sub-Saharan Africa	2008–2010 Ethiopia, Kenya, Mauritius, Mozambique, United Republic of Tanzania and Zambia	UNEP UNDP	
Leveraging Carbon Finance for Sustainable Development in Latin America and the Caribbean	Enhance public and private sector capacity to access carbon finance, and to overcome barriers impeding the take-off of a carbon market in Latin America and the Caribbean	2009–2011 El Salvador, Honduras, Peru, Uruguay	UNDP, UNEP	
Capacity-building in carbon finance for Zambia	Optimize access to carbon finance. A CDM expert is providing hands on training to the designated national authority (DNA) in reviewing the proposals as well as training the private sector in developing the proposals	2008	UNDP	< http://www.undp.org.zm/index.php?option=com_content&view=article&id=18:clean-development-mechanism-cdm-capacity-building-regional-project&catid=4:environment-and-natural-resources&Itemid=6 >
Establishment of the Voluntary Carbon Market in Turkey	Optimize access to carbon finance	2008	Turkish government, private sector, UNIDO	
Training Workshop on the Clean Development Mechanism, Cape Verde	Strengthen national capacity in the development of CDM Projects	Praia, Cape Verde, 28–30 July 2009	UNDP	

Table 13

Capacity-building activities in support of needs arising out of the implementation of Article 4, paragraphs 8 and 9, of the Convention

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
Fourteenth meeting of the Least Developed Countries Expert Group (LEG)	To assess the progress in implementing the programme of work agreed by the LEG	Addis Ababa, Ethiopia, from 29 September – 1 October 2008	UNFCCC, LEG	< http://unfccc.int/resource/docs/2008/sbi/eng/14.pdf >
Fifteenth meeting of the LEG	To assess the progress in implementing the programme of work agreed by the LEG	Cotonou, Benin, from 3–5 March 2009	UNFCCC, LEG	< http://unfccc.int/resource/docs/2009/sbi/eng/06.pdf >
Least Developed Countries Portal (English and French)	The least developed countries (LDC) entry page provides links to information that is of specific interest for LDCs, such as work on national adaptation programmes of action (NAPAs), the work of the LDC Expert Group (LEG), the LDC Fund, relevant LDC decisions and conclusions and frequently asked questions on NAPAs, LEG and LDCF		UNFCCC	< www.unfccc.int/ldc >
Publication: Least Developed Countries under the UNFCCC			UNFCCC	< http://unfccc.int/resource/docs/publications/ldc_brochure2009.pdf >
Publication: Least developed countries. National adaptation programmes of action: Overview of preparation, design of implementation strategies and submission of revised project lists and profiles.	This paper describes the steps in the preparation of national adaptation programmes of action (NAPAs) and explores options for addressing problems identified by NAPA teams, while building upon lessons learned and best practices. The paper then presents a possible approach for updating NAPAs, to be used by least developed country Parties in submitting information that would supplement previously submitted NAPAs as a way to update risks and priorities being faced.		UNFCCC	< http://unfccc.int/resource/docs/publications/ldc_tp2009.pdf >
NAPA project database	NAPAs contain a list of ranked priority adaptation activities and projects, as well as short profiles of each activity or project, designed to facilitate the development of		UNFCCC	< http://unfccc.int/cooperation_support/least_developed_countries_portal/napa_project_database/items/4583.php >

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
	proposals for implementation. To facilitate access to this information based on the NAPAs that have been submitted to date, the database presents listings of projects and project profiles, grouped by country and according to main sectors for which an activity falls.			
Fellowship programme – completion of first round and launch of second round	To contribute to building capacity for addressing climate change in non-Annex I Parties, in particular small island developing states (SIDS) and least developed countries (LDCs), through the development of local professional expertise by supporting innovative analytical work on climate change in the context of sustainable development, promoting a network of experts who can bring creative and innovative options to bear on questions of climate change, encouraging the leadership potential of young and promising professionals in their fields.		UNFCCC	< http://unfccc.int/4429 >
Preparation of the Initial and Second National Communications under the UNFCCC	Enable countries to fulfil their commitments and obligations as required by the Convention by preparing and reporting national communications based on recommended guidelines and format			< http://gefonline.org/projectDetailsSQL.cfm?projID=2387 > < http://gefonline.org/projectDetailsSQL.cfm?projID=2387 >
Side Event on Climate Change, 2009 Pacific Islands Forum Leaders Meeting	Education and awareness raising for Heads of State and Governments of Australia, of Cook Islands, Federated States of Micronesia, the Republic of Nauru, New Zealand, Niue, Papua New Guinea, the Republic of the Marshall	Cairns Convention Centre, Australia, 6 August 2009	UNDP	< http://www.pif2009.org.au/docs/call_to_action_final.pdf >, < http://www.undp.org.fj/index.cfm?si=main.resources&cmd=forumview&uid=spchstate
	Islands, Samoa, Solomon Islands, Tonga, Tuvalu and Republic of Vanuatu and representatives of Republic of Kiribati and Republic of Palau.	Cairns Convention Centre, Australia, 6 August 2009		ments&cid=436>

Table 14

Capacity-building through education, training and public awareness

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
Development and maintenance of CC:iNet, the information network clearing house	To facilitate access to public information, education and training in climate change; and to help governments, organizations and individuals gain rapid and easy access to ideas, strategies, contacts, experts and materials that can be used to motivate and empower them to take effective action on climate change	Ongoing activity	UNFCCC	<< http://unfccc.int/ccinet > and << http://unfccc.int/cooperation_and_support/education_and_outreach/items/3366.php >
Contributing to CC:iNet – A quick-start guide	Registered users of CC:iNet have the ability to contribute relevant content directly into the system. This guide aims to assist newly registered users in the submission of content by outlining the steps to be taken for successful submission.	2009	UNFCCC	< http://unfccc.int/files/cc_inet/application/pdf/q-start-guide.pdf >
European Regional workshop on Article 6 of the Convention	Over 40 participants representing 23 countries and several intergovernmental and non-governmental organizations shared experiences and good practices in developing and implementing national education and outreach strategies and activities, and discussed the importance of such activities in supporting a new climate change agreement. After two and a half days of plenary sessions, working groups and social events, participants came up with recommending a list of issues that could be considered in supporting further the implementation of Article 6 and the New Delhi work programme in the European region	Stockholm, Sweden, 18–20 May 2009	UNFCCC	< http://unfccc.int/cooperation_and_support/education_and_outreach/items/4834.php >

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
Bonn Media Training Workshop for developing country journalists	Expand the participation of environmental journalists from developing countries at the conference through media training workshop	Bonn, Germany 8–12 June 2009	UNFCCC, Alliance of communicators for sustainable development (COM+), World Bank	< http://unfccc.int/meetings/sb30/press/items/4892.php >
Bonn Media Training Workshop for developing country journalists	Expand the participation of environmental journalists from developing countries at the conference through media training workshop	Bonn, Germany 6–8 April 2009	UNFCCC, Alliance of communicators for sustainable development (COM+), World Bank	< http://unfccc.int/meetings/intersessional/bonn_09/press_bonn/items/4797.php >
Poznan Media Training Workshop for developing country journalists	Expand the participation of environmental journalists from developing countries at the conference through media training workshop	Poznan, Poland, 8–12 December 2008	UNFCCC, Alliance of communicators for sustainable development (COM+), World Bank	< http://unfccc.int/meetings/cop_14/press/items/4648.php >
Workshop on Local Governments and Climate Change	<ul style="list-style-type: none"> • Raising awareness on the issue of climate change • Building a network of cities from South America in order to exchange climate change experiences and expertise • Presenting the issue of acquisition and effective use of local climate change predictions and weather data 	24–27 March 2009, Curitiba, Brazil	CIFAL Curitiba, Veolia, Preactiva, Ministerio de Asuntos Exteriores Español, Universidade Livre do Medio Ambiente, FIEP, Agencia Brasileira de Cooperacao, Ministerio das Relações Exteriores	< http://www.cifalcuritiba.org.br/ >

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
Online Course on Climate Change: Risks and Responsibilities for the Finance Sector	<ul style="list-style-type: none"> Educate and enable key senior and mid-level executives to further understand the business complexities presented by climate change so that they can: (a) integrate it into corporate action plans and strategies; (b) identify risks, opportunities and markets for new plans and strategies; and (c) adapt the material for internal use, and use course material as a stand-alone reference guide 	8–26 June 2009 (Internet-based online training)	UNEP-FI (UNEP Finance Initiative) and UNITAR	< http://www2.unitar.org/une-pfi/ >
Training for Local Authorities on Integrated Urban Planning for Sustainable Urban Management (including climate change)	<ul style="list-style-type: none"> Increase and build upon the existing capacity of local governments by equipping them with the understanding and skills related to a range of global and urban environmental management issues, as well as by providing them with access to information, knowledge and training 	10–13 August 2009, Kuala Lumpur, Malaysia	UNITAR CIFAL Kuala Lumpur, CITYNET and VEOLIA Environment.	< http://www.unitar.org/node/618 >
National Planning Workshop on Developing a National Profile and Action Plan on Participatory Environmental Governance and Principle 10 Implementation (including climate change)	<ul style="list-style-type: none"> Raise awareness on Principle 10 of the Rio Declaration and develop national workplan for a National Profile and Action Plan project 	5 August 2009, Bamako, Mali	Government of Mali, UNITAR	< http://www.unitar.org/egp >
A number of awareness raising events	To present latest scientific understanding on climate change to the public and to interested segments of the society	Ongoing West Asia	UNEP	< http://www.unep.org/wed/2009/english/content/regional_highlights.asp >
Public awareness on climate change through a multi-product climate campaign including Our Planet magazine, Tunza magazine, World Environment Day booklet, Plant for the Planet: The Billion Tree Campaign: An Album, Independent Environmental assessment: Beijing 2008 Olympic Games, UNEP Climate Change Strategy, UNEP 2008 Annual report, Kick the Habit e-book.	To educate the public and raise awareness of environmental and sustainability issues, including climate change	2008–2009 Global	UNEP	< http://www.unep.org/Publications/ >

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
The Economics of Ecosystems and Biodiversity study	To raise awareness and educating the financial sectors about the value of ecosystems and biodiversity and the loss occasioned by climate change and unsustainable development practices; to build institutional capacity in the financial sectors on issues related to ecosystems and biodiversity; to build capacity for funding adaptation measures	September 2008 to August 2009 Global	UNEP Other: G8+5, European Commission, UNCBD, IUCN, University of Liverpool, The Helmholtz Centre for Environmental Research	< http://www.teebweb.org > < http://www.teebweb.org/LinkClick.aspx?fileticket=L6XLPaoaZv8%3d&tabid=1052&language=en-US >
Enhancing Awareness of Ugandan Population to remove barrier to integration of Climate Change Adaptation in development	Removing lack of knowledge as a barrier to mainstreaming climate change adaptation; Developing awareness materials and support for development of communication and public participation strategies and programmes	2009 Uganda	UNEP-UNDP CC DARE Initiative Other: Ministry of Water Resources in collaboration with M/S Great Lakes Film Production Company Ltd and Farmers Media Link Centre	< www.ccdare.com >
Train water resources managers and technicians in Eastern Africa on the concept of climate change and water resources planning and management	Increased awareness and knowledge of key terms and concepts and the scientific aspects of the climate system and the evolution of the climate; increased awareness and knowledge of the interaction between climate change and water and how such interaction manifest in the various sectors (health, infrastructure, energy, sanitation, etc.). Knowledge on planning processes/tools (IWRM, ICZM and ICARM) and responses to climate change.	2009 Uganda	UNEP Water Centre Other: Cap-Net Nile-IWRM-Net Denmark Government of Uganda	< www.ccdare.com >

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
Multiple training sessions for Ministry of Foreign Affairs and National University of Lao students in preparation for a mock United Nations Security Council Debate on Climate Change	Increase awareness on climate change amongst key sectors and university students	August and September 2009	United Nations Resident Coordinators Office, Ministry of Foreign Affairs	
Presentations for United Nations Country Team, Ministry of Foreign Affairs, Lao	Increase awareness on climate change amongst key actors	May 2009; August 2009	United Nations Country Team, Ministry of Foreign Affairs, UNDP	
Regional Workshop for Parliamentarians on Climate Change in the ECOWAS countries	Create a forum for parliamentarians to discuss climate change related issues and to influence decision making	Praia, Cape Verde, 3–6 August 2009	UNDP, UNESCO	
Regional Training of Trainers Workshop, Cape Verde	Train school teachers in beach monitoring	Praia, Cape Verde 25–28 August 2009	UNDP, UNESCO	
National Seminar on Climate Change chaired by the Ministry of Economic Affairs and the Minister of Water and Environment, Morocco	Increase awareness on climate change amongst key government decision makers	Rabat, Morocco, 12 February 2009	UNDP, World Bank	
Informative booklet on climate change in El Salvador	“The ABC of Climate Change in El Salvador” has been distributed to different national actors and stakeholders	2008–2009	UNDP	< http://www.pnud.org/sv/2007/component/option,com_document/task,doc_download/gid,58/Itemid,56/ >
UNESCO International Seminar on Climate Change Education	Designed to reach and involve key stakeholders involved in climate change education, the event brought together a multidisciplinary and diverse group of more than 60 educators, scientists, educational planners, and representatives of Small Island Developing States (SIDS) – as well as multilateral and non-governmental organizations – to discuss and make recommendations on the role and potential for education in addressing global climate change through three main topics: <ul style="list-style-type: none"> Educational policies, programmes and 	Paris, France, July 2009	UNESCO, UNFCCC, Government of Denmark	< www.unesco.org/en/climatechange >

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
	<p>curricula</p> <ul style="list-style-type: none"> • The identification of climate change education tools, materials and good practices • The mobilization and engagement of networks and partnerships in support of climate change education 			
Teaching and Learning for a Sustainable Future	A multimedia teacher education programme. It contains 100 hours of professional development for use in pre-service teacher courses as well as the in-service education of teachers, curriculum developers, education policy makers, and authors of educational materials. The climate change module provides resources for teachers so that	Global	UNESCO	< http://www.unesco.org/education/tlsf/ >
	they can feel confident in their knowledge of climate change science and the impacts of the climate crisis and plan interesting and relevant lessons for their students			
Sandwatch	An educational tool for teachers and communities. It aims to change habits on a community basis, build ecosystem resilience, and develop awareness of the fragile nature of the marine and coastal environment and the need to use it wisely. Contains a specific chapter on climate change.	Global with special focus on SIDS 2000	UNESCO	< www.sandwatch.org >
Training for journalists	Increase the capacity of journalists on quality, frequency and permanence of reporting on key sustainable development issues, including climate change	Pacific	UNESCO	
Training for media professionals	Training focused on the production of news, stories, pictures, audio/video programmes for newspapers/magazines, TV, radio and the Internet for editors, bureau chiefs, reporters, producers and presenters – each with a distinct and strategic role to convey climate change messages to the public	Zimbabwe, July 2009	UNESCO, British Council	< http://portal.unesco.org/ci/en/ev.php-URL_ID=28906&URL_DO=DO_TOPIC&URL_SECTION=201.html >

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
Media as partners in education for sustainable development: a training and resource kit	To provide media professionals with basic information about some priority issues for sustainable development including climate change. It also provides practical exercises to inspire investigative reporting, and draws links to existing experience that may enrich the information resources of media professionals	2008	UNESCO	< http://portal.unesco.org/ci/en/ev.php-URL_ID=26388&URL_DO=DO_TOPIC&URL_SECTION=201.html >
UNESCO International Conference: Broadcast Media & Climate Change: a public service remit	The conference provided a platform for regional and international collaboration to offer solutions to existing challenges faced by broadcasters, particularly those in developing countries. Such collaboration will to empower national	Paris, September 2009	UNESCO, UNEP, regional and international broadcasting	< http://www.unesco.org/webworld/en/media-climate-change >
	broadcasters to fulfil their role in making climate change processes and related mitigation and adaptation options better understood by their audiences		unions and organizations	

Table 15

Capacity-building activities in support of information and networking

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
Publication: Investment and financial flows to address climate change: an update	Update to the paper on investment and financial flows to address climate change which was published by the secretariat in 2007	November 2008	UNFCCC	< http://unfccc.int/resource/docs/2008/tp/07.pdf >
Development of Climate Change Networks for information and knowledge sharing	Creation of the South East Asia Network, to be completed by similar initiatives in West Africa and Central America	Under implementation in 10 countries of the South East Asia Region	UNEP	An internet based knowledge Development and sharing platform will be operational prior to COP 15
Climate Neutral UN website	To build capacity by providing an online platform for collecting data about, managing and calculating GHS emissions and developing and managing GHG inventories databases	2009 Ongoing Global	UNEP United Nations Environment Management Group	< http://www.unemg.org/climate/neutralun >
Copenhagen Discussion Series website	To improve decision-making about climate change, including building capacity for participating in international negotiations, by making working papers available online in accessible, readily downloadable format	2009 Ongoing Global	UNEP Other: IIED Stockholm Environment Institute	< http://www.unep.org/climatechange/Policy/CopenhagenDiscussionSeries/tabid/836/language/en-US/Default.aspx >
Seal the Deal! website	To build capacity by raising awareness and educating the public about climate change and the need for the world to seal a deal in Copenhagen; to provide a forum for networking and information exchange about this UN-wide campaign	2009 Global	UNEP UNRIC Brussels	< http://www.sealthedeal2009.org >
Launching of the climate change intranet (Global)	This intranet makes available all briefings, position papers and summaries of climate-related meetings. Offers links to UNDP and UNFCCC libraries, facilitates the creation of discussion groups and describes funding windows. Aimed at UNDP practice areas worldwide	NA	UNDP UNFCCC	< http://intra.undp.org/bdp/climate-change/index.shtml >.

<i>Activity</i>	<i>Purpose/target of activity</i>	<i>Date and location</i>	<i>Agencies involved</i>	<i>Activity report or web link for further information</i>
UNDP Climate Community web page (global)	Launched by project Capacity Development for Decision Makers to provide information on key climate change issues including the economic and policy implications of climate change and analyses of the negotiations. It features an extensive library with documents in multiple languages and forums to share information and resources. Each country has a private work area, and groups have also been established for the project team and regional centres of excellence to exchange information. The site provides information in English, French, and Spanish, and Russian	May 2009	International Institute for Sustainable Development (IISD), UNDP	< www.undpcc.org >
On the frontlines of climate change – A global forum for indigenous peoples, small islands and vulnerable communities	Promotes sharing and exchange of community level observations, concerns and innovations with respect to climate change impacts, opportunities and adaptation	Started in June 2008 Global, with a special focus on the target groups	UNESCO, Secretariat of CBD, United Nations permanent forum on indigenous issues, Office of the High Commissioner for Human rights	< http://www.climatefrontlines.org/ >