United Nations Framework Convention on Climate Change

Making the best use of the NAMA Registry

Side event at COP-21 in Paris, Observer room 04, Wednesday 2 December 2015, 13.15 – 14.45 PM

The UNFCCC NAMA Registry

Facilitating design and implementation of mitigation actions in developing countries

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UNFCCC secretariat – Non Annex I Support, Mitigation, Data and Analysis Programme

Objective of the side event

- **Update** and **discuss** on the operation of the registry;
- **Showcase** support available and provided for the registry users within or outside the registry;
- **Initiate interaction** between the countries seeking support for preparation and/or implementation of NAMAs and those providing financial, technical and capacity building support for NAMAs;
- **Exchange views** on ways to improve the registry and enhance its role and use in the long run.

Presentation Outline

1. Background
2. Operational status of the registry
3. Diversified role of the registry in the long run

Mandates for UNFCCC NAMA registry

1/CP.16, paragraph 53

to set up a registry to record nationally appropriate mitigation actions

2/CP.17, paragraph 45

the registry should be developed as a dynamic, web-based platform managed by a dedicated team in the secretariat

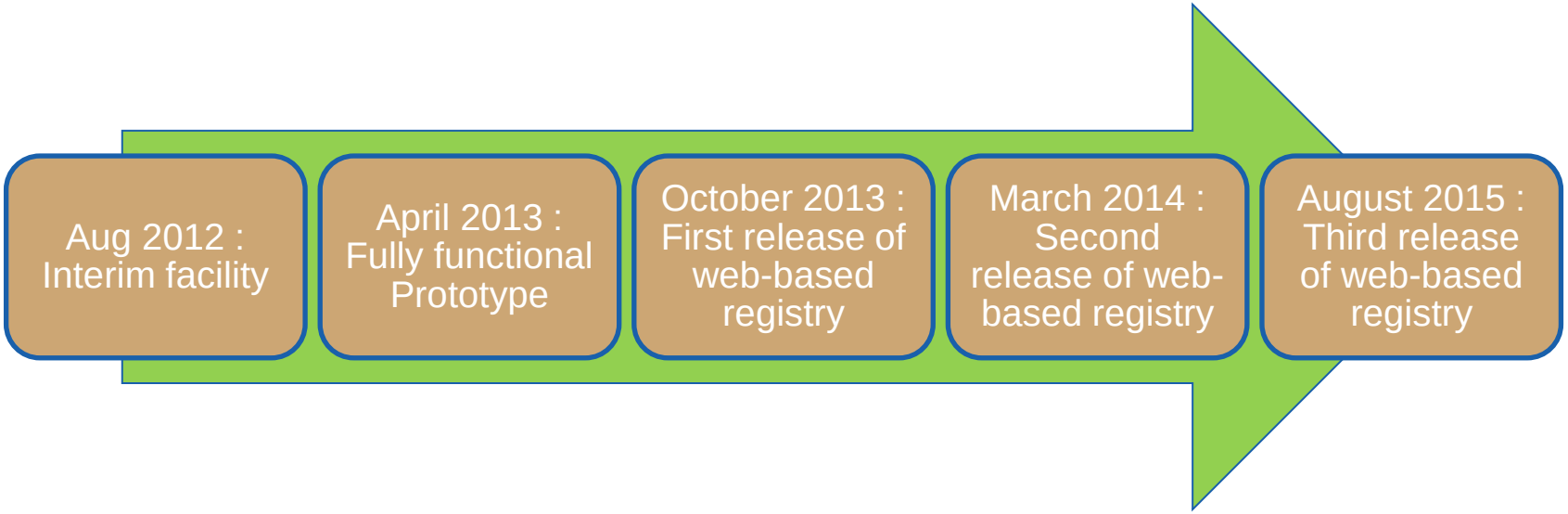
Participation is voluntary and the registry contains only information that has been submitted specifically for recording.

Functions of the NAMA Registry

- The UNFCCC NAMA Registry, **a public online platform :**

  a) to **record** domestically supported nationally appropriate mitigation actions (NAMAs); and NAMAs seeking international support and support available for them,

  b) to **facilitate** the matching of NAMAs with support

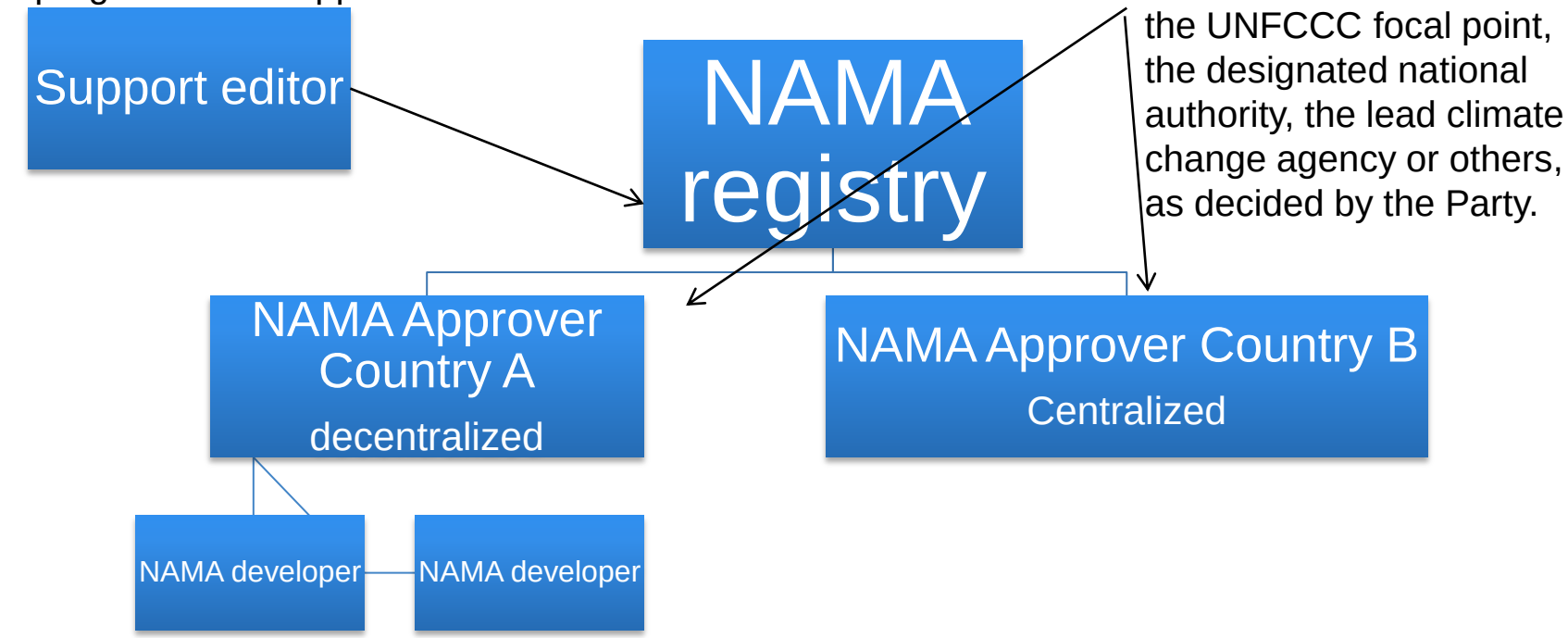


Registry Users

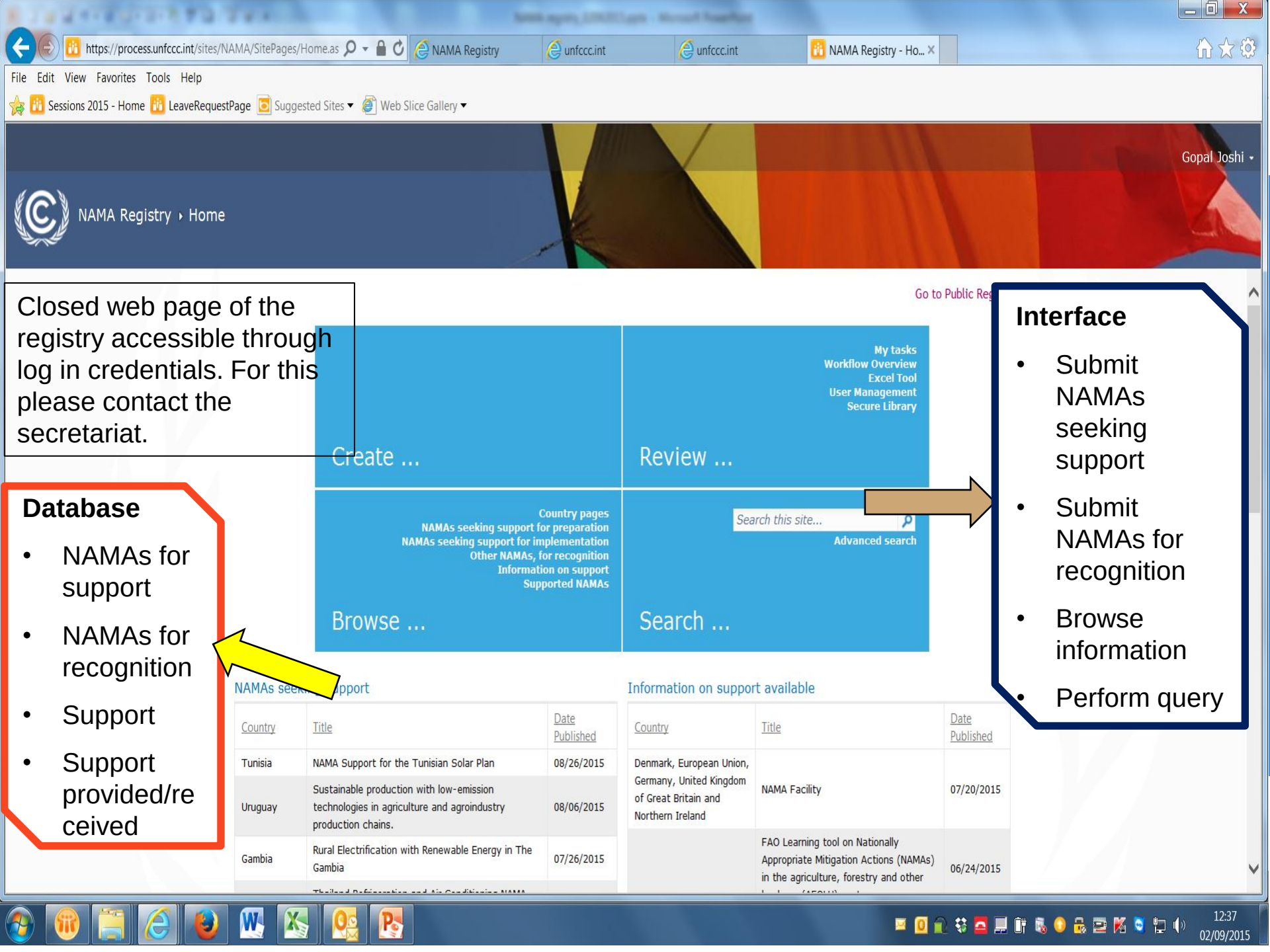
NAMA Approver	• Create/edit NAMA entries • Grant NAMA developer access rights • Approve entries from developers • Confirm receipt of support
NAMA Developer	• Create/edit NAMA entries • Confirm receipt of support
Support editor	• Create entries on support available • Confirm provision of support
Public	• Browse & search all content

NAMA approvers, NAMA developers, support editors : essential roles for an optimized use of the registry

any organization (public or private) that has a programme to support NAMAs.



- Domestically, NAMA developer access rights can be devolved to subordinated entities, such as project developers, representatives of government agencies, private companies or others, as decided by the Party
- The role of NAMA developers can facilitate the creation and the submission of NAMAs.



Closed web page of the registry accessible through log in credentials. For this please contact the secretariat.

Database

- NAMAs for support
- NAMAs for recognition
- Support
- Support provided/received

Interface

- Submit NAMAs seeking support
- Submit NAMAs for recognition
- Browse information
- Perform query

Obtaining access rights to operate submissions to the NAMA registry

Even if NAMA proposals are not ready to be submitted, obtaining access rights to the NAMA registry ensures:

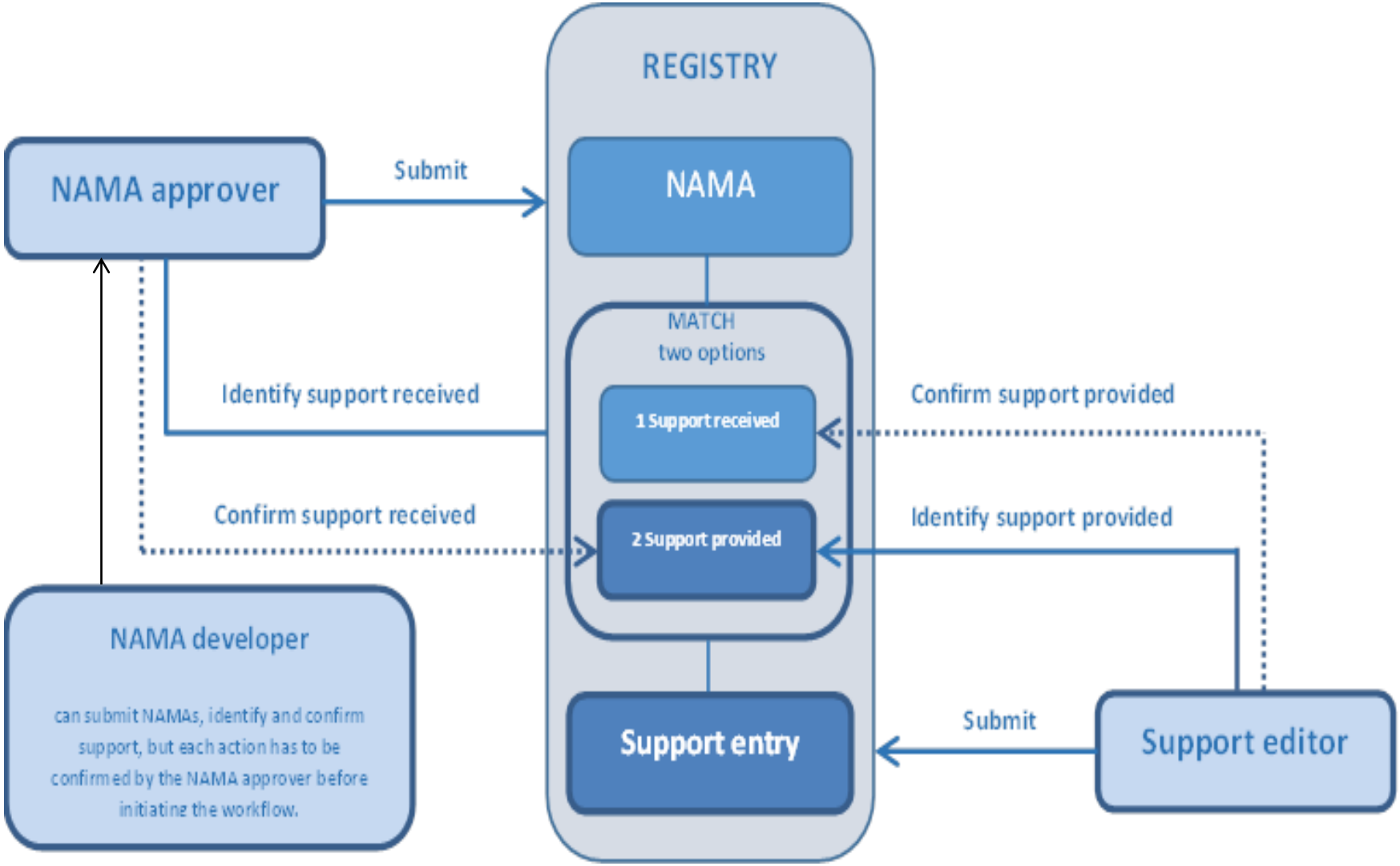
- the possibility of submitting NAMAs timely when proposals are ready;

- the inclusion of the nominated NAMA approver/developer or Support editor in the NAMA registry users mailing list that is an additional direct channel for the distribution of support material.

To request access for the registry complete the relevant forms and submit to the secretariat

It is very important that changes in roles of registry users are communicated to the secretariat timely.

Registry workflow

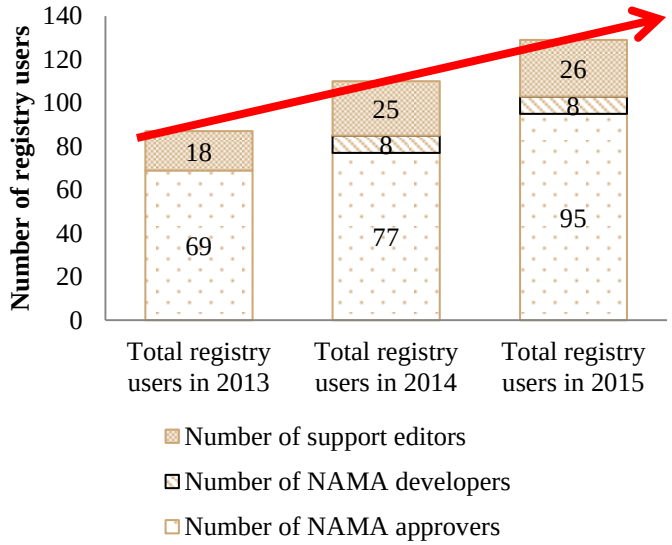


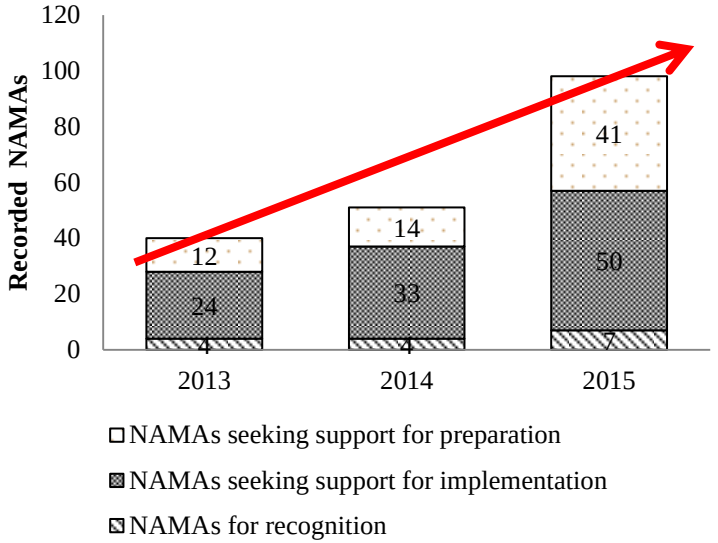
Operation of the Registry as of September 1, 2015

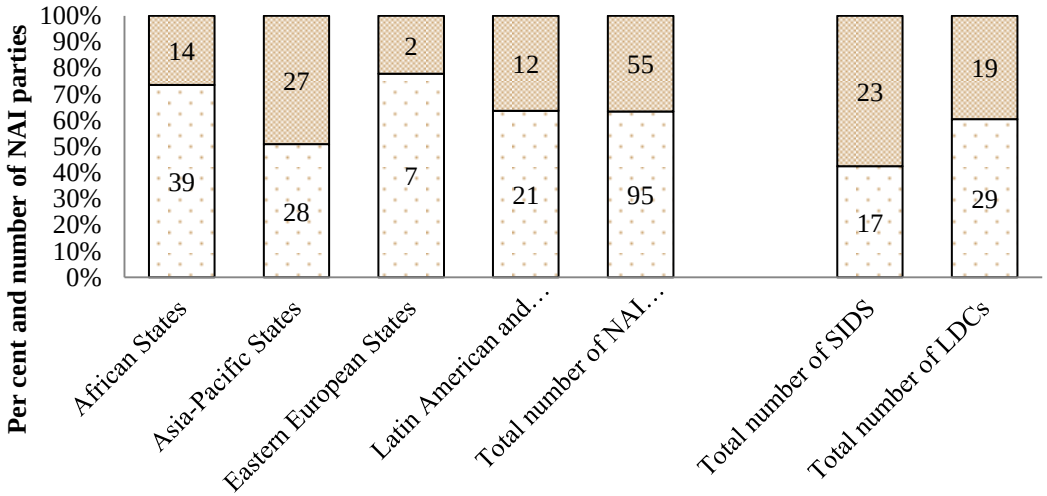
Overview of registry content in 2015

- The statistics are as at September 1, 2015
- Detail available in the third annual report of the registry prepared for COP 21

Parties and entities have shown great interest to use the registry



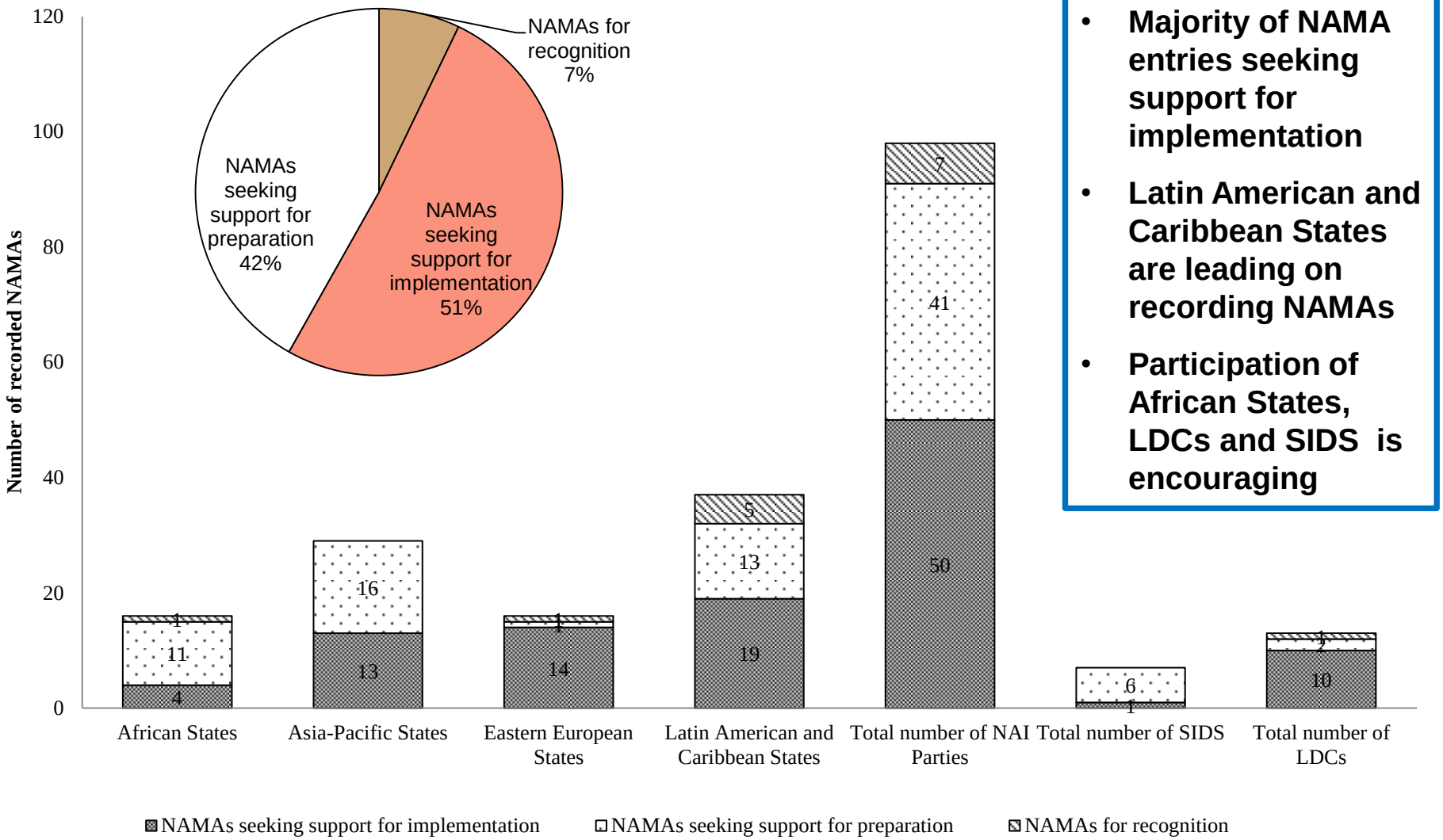




In 2015 :

- **Users increased by 17 %**
- **NAMA entries doubled**
- **African States saw fourfold increase;**
- **Asia-Pacific and LAC States saw twofold increase**

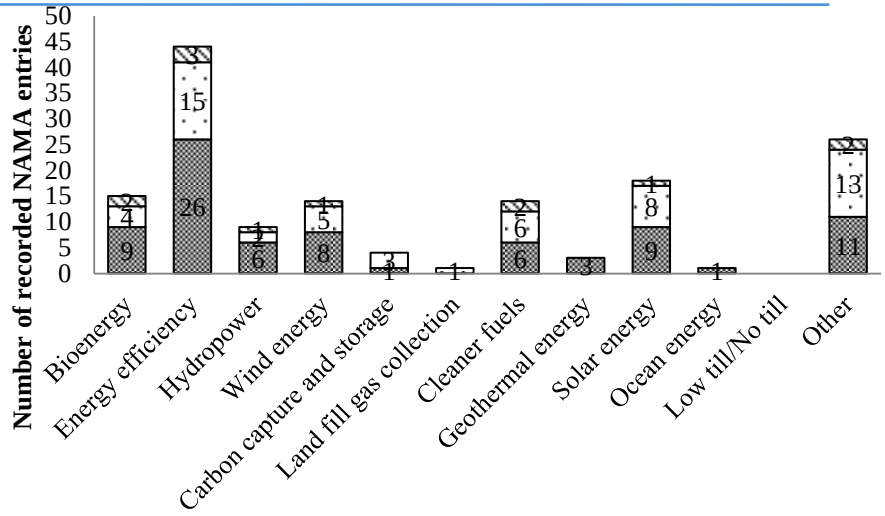
NAMA entries by type and regional group

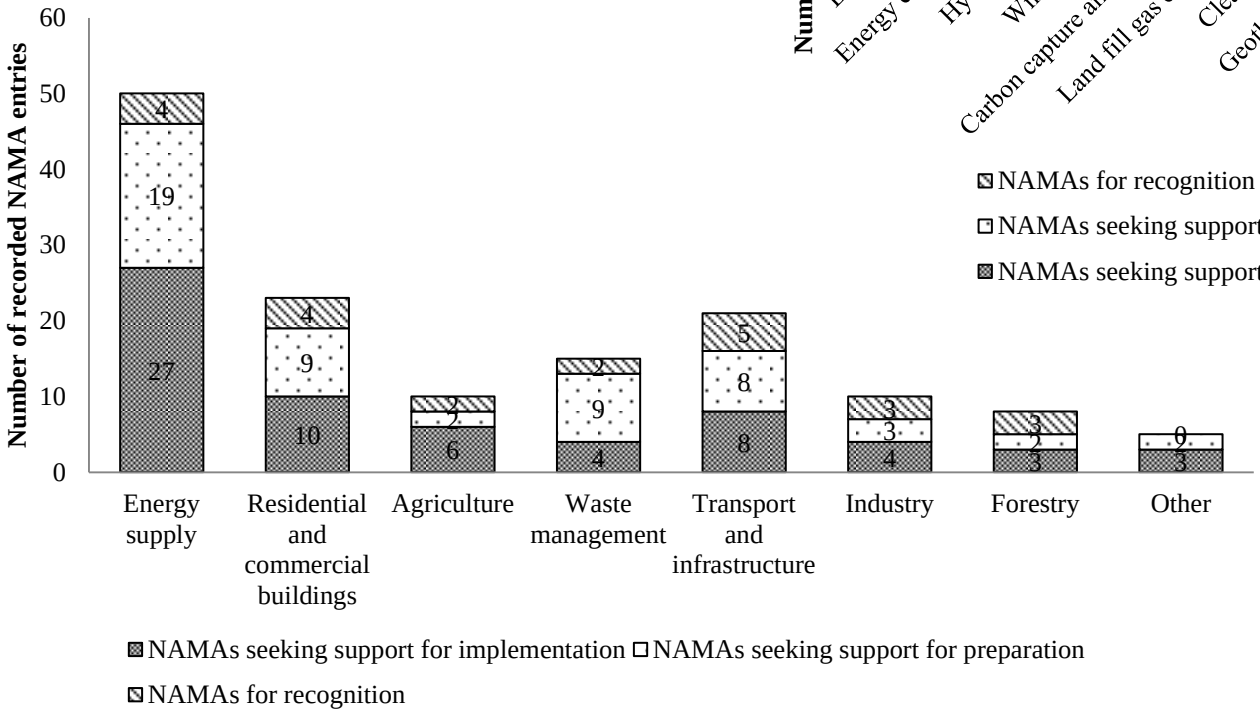


- **Majority of NAMA entries seeking support for implementation**
- **Latin American and Caribbean States are leading on recording NAMAs**
- **Participation of African States, LDCs and SIDS is encouraging**

Wider sectoral distribution

- **Focus on energy supply, energy efficiency and transport and infrastructure**
- **Energy supply through solar, wind, bioenergy, hydropower and cleaner fuels**

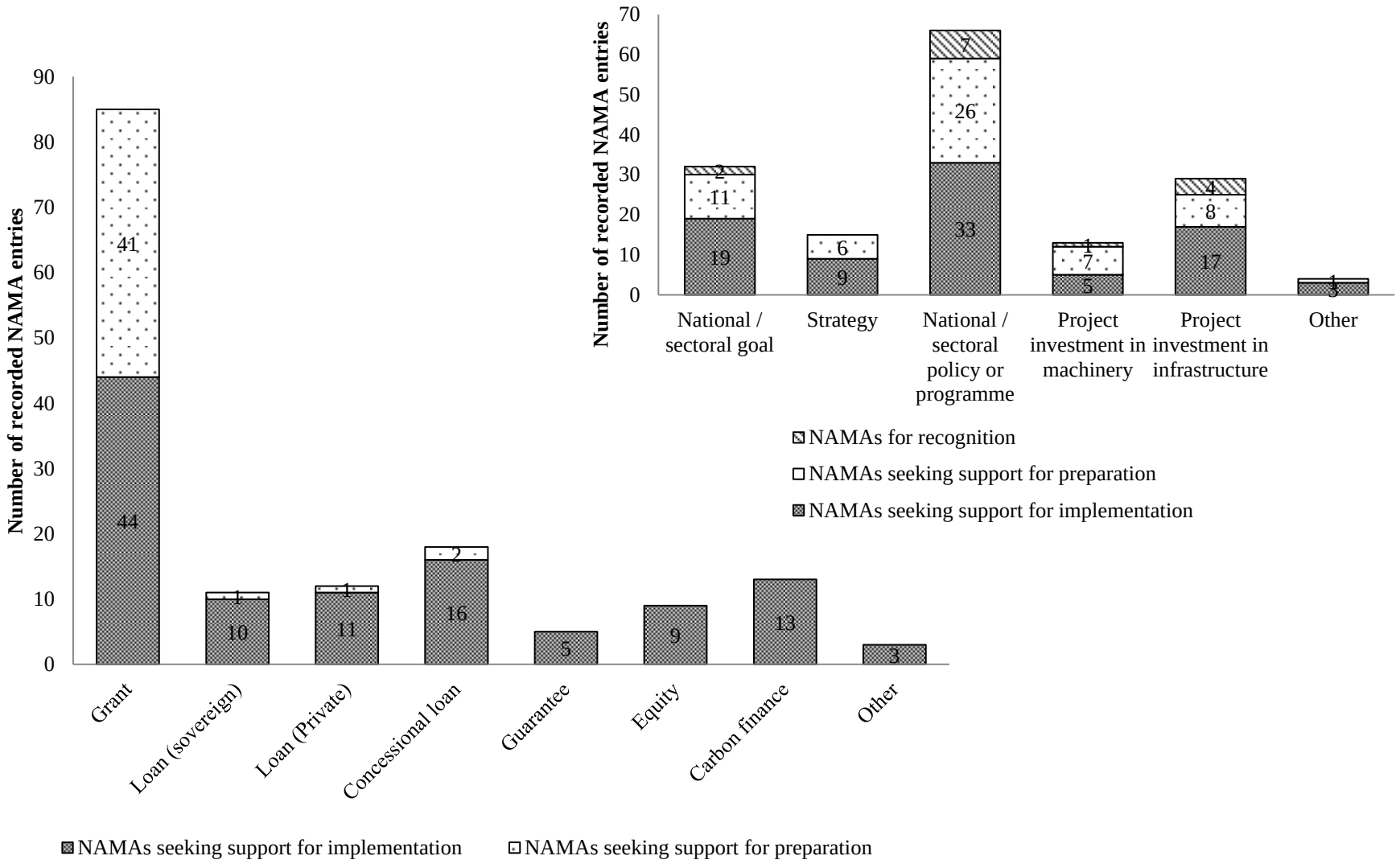




Support sought for NAMAs by type and regional groups

Regional group by NAMA category	Sum of financial support (USD)	Sum of technology support (USD)	Sum of capacity-building support (USD)
NAMAs seeking support for preparation	**97 477 335**	**34 950 000**	**2 050 100**
African States	9 137 000	310 000	700 000
Asia-Pacific States	80 175 335	33 840 000	600 100
Eastern European States	100 000	No entries for this region	No entries for this region
Latin American and Caribbean States	8 065 000	800 000	750 000
NAMAs seeking support for implementation	**5 735 140 506**	**1 308 587 438**	**24 713 000**
African States	296 750 000	200 000	2 900 000
Asia-Pacific States	877 335 552	32 000 000	18 550 000
Eastern European States	2 520 162 000	1 081 500 000	No entries for this region
Latin American and Caribbean States	2 040 892 954	194 887 438	3 263 000
Grand total	**5 832 617 841**	**1 343 537 438**	**26 763 100**

Type of financial support sought and actions to be implemented



Sources of support recorded in the registry

Source of support	Origin of support	Support available
Climate-related ODA funding	Germany	Grants and concessional loans for the preparation of NAMAs in all countries
International Climate Initiative	Germany	Grants and loans for the preparation of NAMAs in all countries
NAMA facility	Denmark EU Germany/United Kingdom of Great Britain and Northern Ireland	Grants and concessional loans for the implementation of NAMAs in all countries
Global Environment Facility Trust Fund	International	Grants for the preparation and implementation of NAMAs in all countries
EU–Africa Infrastructure Trust Fund	12 EU countries	Grants, guarantees and equity for the preparation of NAMAs in Eastern European States and in Middle Eastern and North African countries
Neighbourhood Investment Facility	EU	Grants, guarantees and equity for the preparation of NAMAs in Eastern European and North African countries
Latin American Investment Facility	EU	Grants and loans for the implementation of NAMAs in Latin American and Caribbean countries
Austrian NAMA Initiative	Austria	Grants and carbon finance for the preparation of NAMAs in African States, and least developed countries and small island developing States

Source of support	Origin	Support available
Support for activities related to the sustainable management of forest	Austria	Grant for the implementation of NAMAs in the Caucasus region
ODA for climate change measures	Japan	Grants, concessional loans and technical assistance for the preparation of NAMAs in all countries
Inter-American Development Bank (IDB) support for the design, development and implementation of NAMAs in the Latin American and Caribbean region	Regional	Grants, loans and guarantees for the preparation of NAMAs in Latin American and Caribbean countries and small island developing States
Spanish NAMA Platform	Spain	Loans, guarantees, equity and carbon finance for the preparation of NAMAs in all countries
FAOSTAT Emissions Database	FAO	Capacity building and technical support for the preparation of NAMAs in all countries in the sectors of agriculture and forestry
NEFCO Carbon Finance and Funds	NEFCO	Grants and carbon finance for the preparation of NAMAs in Asia and the Pacific, Latin American and the Caribbean countries
UNDP MDG Carbon	Australia	Grant for preparation of NAMAs in Africa, Asia Pacific, LDCs and SIDS
FAO Learning tool on Nationally Appropriate Mitigation Actions in the agriculture, forestry and other land use (AFOLU) sector	Food and Agriculture Organizations of the United Nations	Capacity building support for the preparation of NAMAs in all countries in the agriculture and forestry sectors
Climate Technology Centre and Network	International	Technical assistance for the preparation of NAMAs in all countries
UNDP Low Emission Capacity Building Programme	Australia, EU and Germany	Grants for the preparation of NAMAs in 25 targeted countries

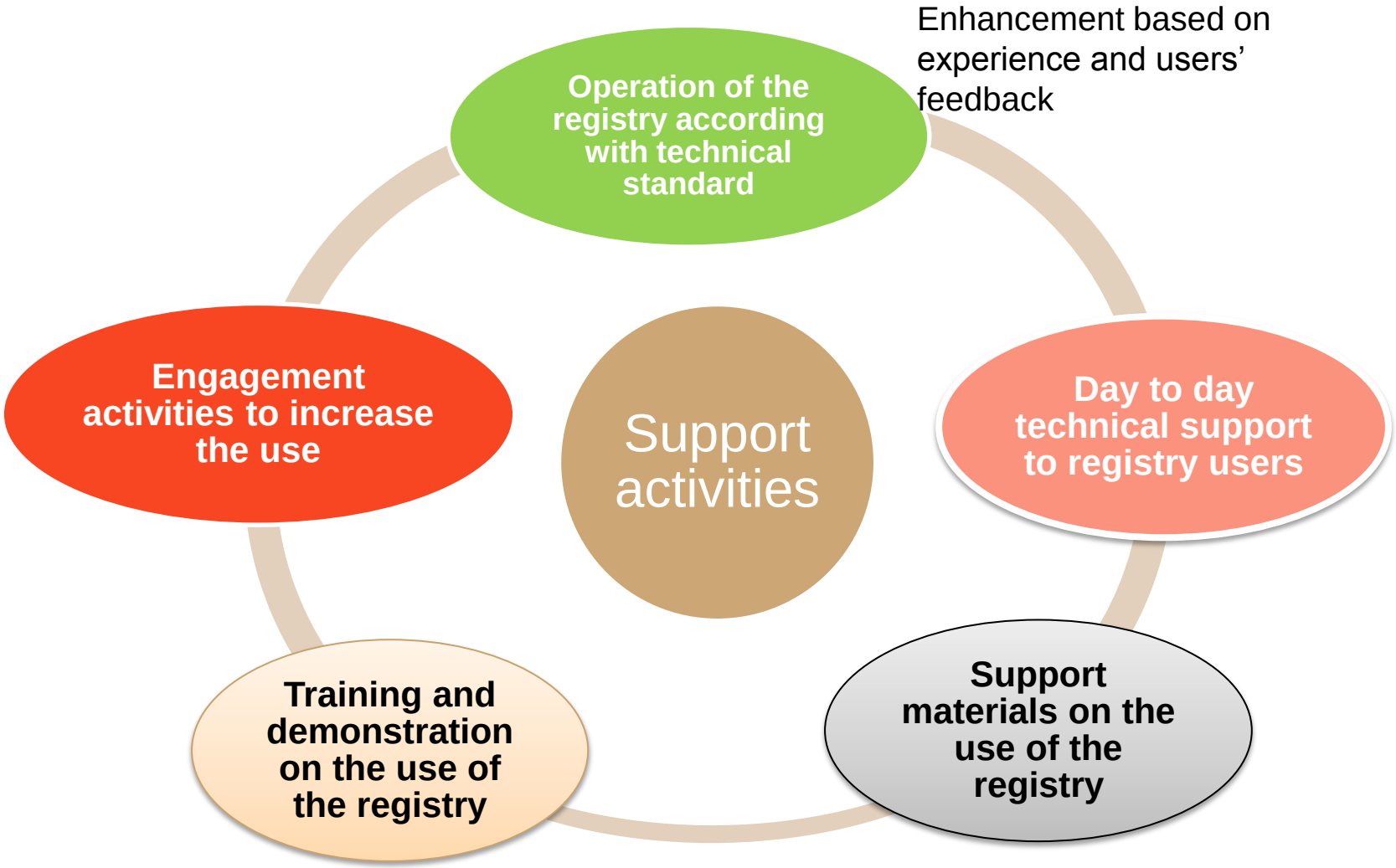
Entries on matching of NAMAs with support

Origin	Support sources	NAMAs	Parties	Type of support	Amount of support (USD)
Austria	Support for activities related to the sustainable management of forests (S-99)	Adaptive Sustainable Forest Management in Borjomi-Bakuriani Forest District (NS-85)	Georgia**	Financial	1 940 492
International	Global Environment Facility Trust Fund (S-63)	NAMAs for low-carbon end-use sectors in Azerbaijan (NS-95)	Azerbaijan	Financial	100 000
International	Global Environment Facility Trust Fund (S-63)	NAMAs for low-carbon urban development in Kazakhstan (NS-124)	Kazakhstan		5 930 000
Japan	Official development assistance for climate change measures (S-122)	Expansion of existing heating network in Valjevo (NS-31)	Serbia		960 000
Japan	Official development assistance for climate change measures (S-122)	Introduction of metering system and billing on the basis of measured consumption in district heating systems in Serbia (NS-32)	Serbia		
Japan	Official development assistance for climate change measures (S-122)	Use of Solar energy for domestic hot water production in Heat plant “Cerak” in Belgrade (NS-33)	Serbia		
Spain	Spanish NAMA Platform (S-143)	High Integration Program of Wind Energy (NS-4)	Uruguay		
International	NAMA Facility (S-62)	Colombia TOD NAMA (NS-127)	Colombia**	Financial	18,500,000
International	Inter-American Development Bank (IDB) support for the design, development and implementation of NAMAs in the Latin American and Caribbean region (S-130)	NAMA-Low Carbon Coffee-Costa Rica (NS-72)	Costa Rica**	Financial	

Entries on matching of NAMAs with support

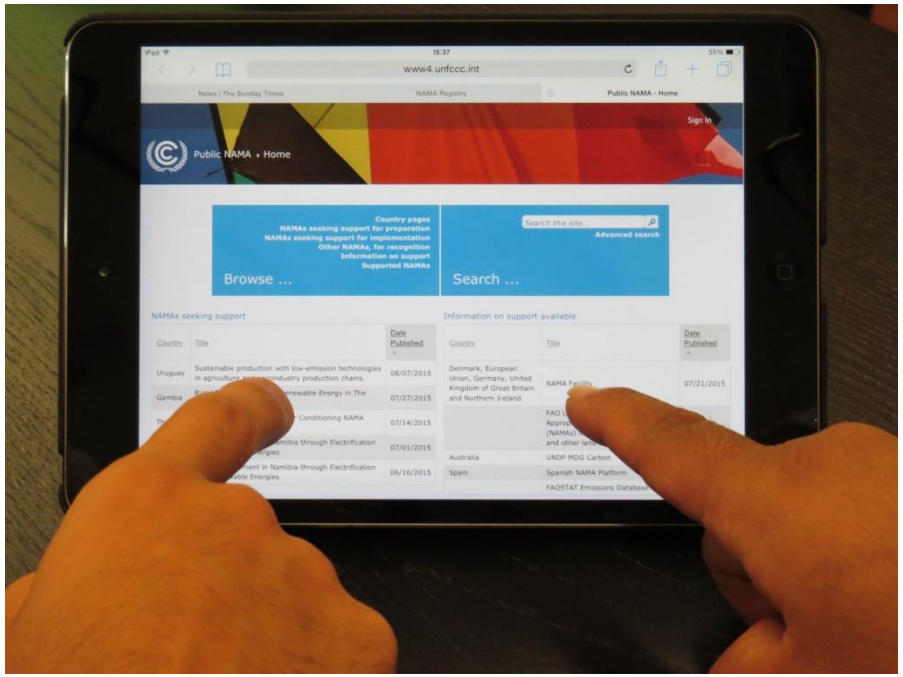
Origin	Support sources	NAMAs	Parties	Type of support	Amount of support (USD)
Australia	UNDP MDG Carbon (S-186)	Rural Development in Namibia through Electrification with Renewable Energies (NS-196)	Namibia	Financial, Capacity building, Technological	70 000
Denmark, European Union, Germany, United Kingdom of Great Britain and Northern Ireland	NAMA Facility (S-62)	Thailand Refrigeration and Air Conditioning NAMA (RAC NAMA) (NS-198)	Thailand	Financial	120 879
International	Global Environment Facility (GEF) Trust Fund (S-63)	Development of a feed-in tariff NAMA for renewable energy (NS-121)	Sudan	Financial	3 500 000
Australia	UNDP MDG Carbon (S-186)	Rural Electrification with Renewable Energy in the Gambia (NS-199)	The Gambia	Financial	60 000
International	Global Environment Facility (GEF) Trust Fund (S-63)	NAMA Support for the Tunisian Solar Plan	Tunisia	Financial	3 600 000
Note : ** NAMAs under implementation					

Secretariat activities to support the registry



The registry offers more user friendly features

- Fully compatible with any mobile devices running on iOS, Android and Windows OS;
- Improvement in data entry and display in relation to support provided and received;
- Download entries as PDF files



I Support received

I.1 Outside the Registry

I.2 Within the Registry

Support provided	SupportType	Amount	Comment	Date
UNDP MDG Carbon	Financial,Capacity building,Technological	70,000		6/17/2015

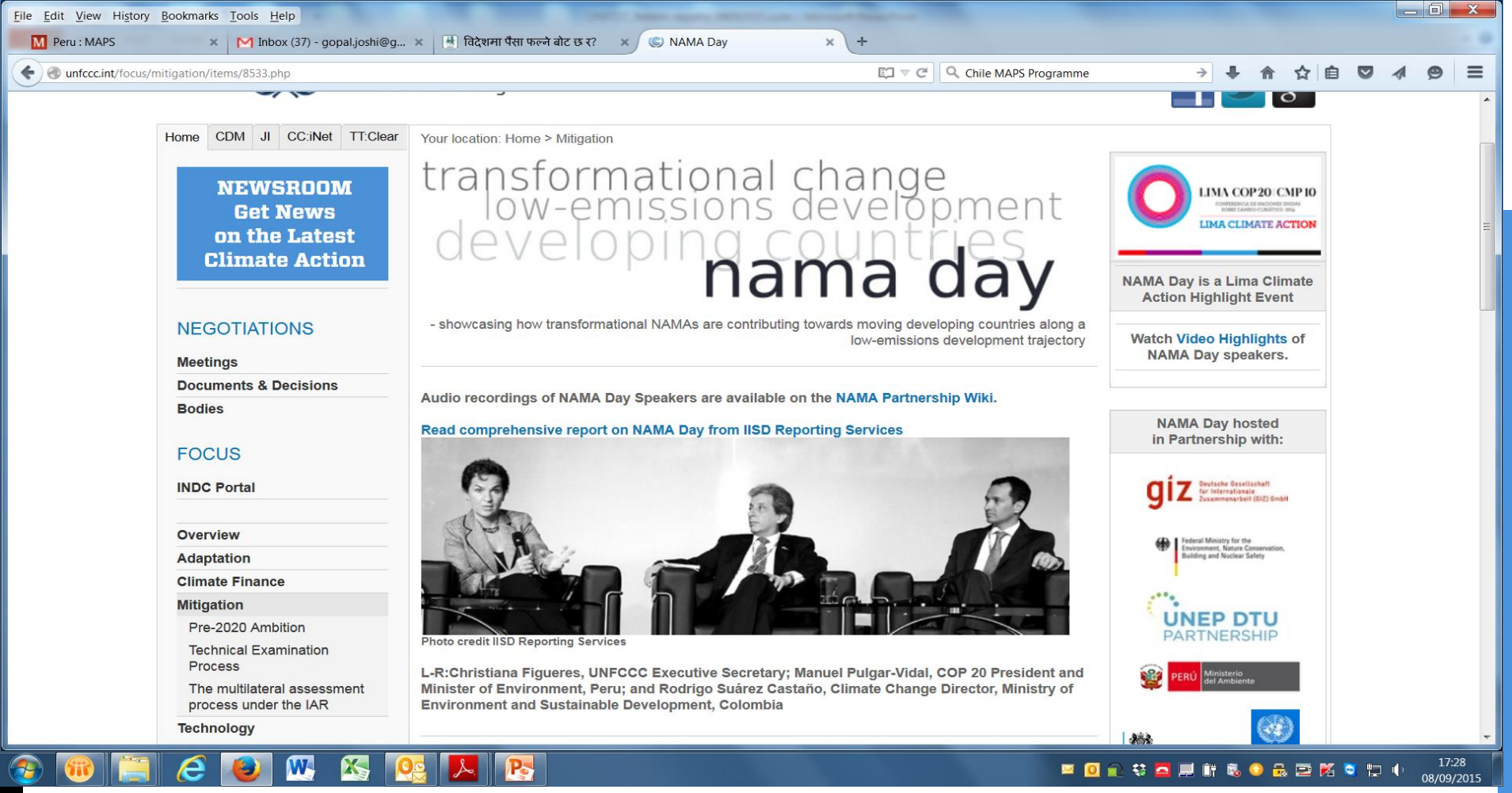
Download page as PDF file

NAMA Market Place for catalyzing collaboration

Looking forward to interacting with international organizations and representatives from the private sector on support opportunities for implementing your NAMAs ?

..NAMA Market place is a platform :

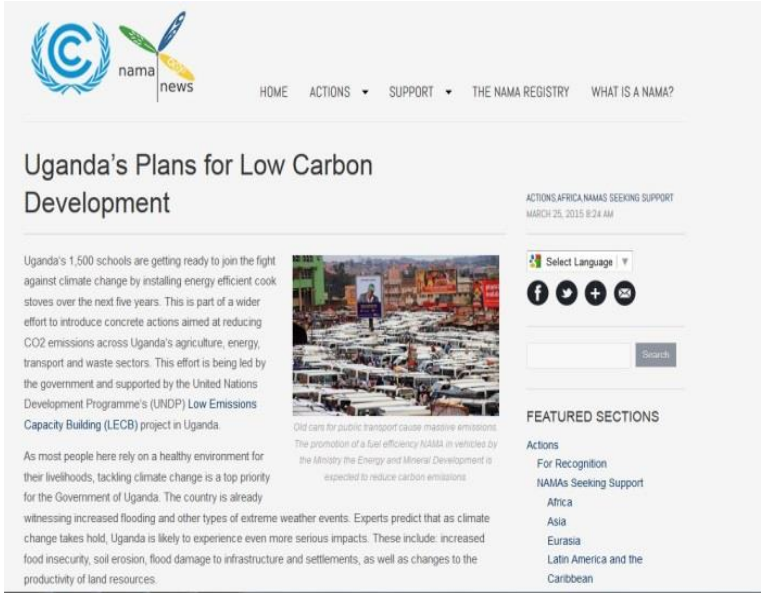
- **to present NAMA proposals to a panel of public and private investors**
- **to exchange invaluable feedback for NAMA proposals**
- **to receive information on NAMA support programmes**
- **to explore potential for collaboration in the implementation of NAMA proposals**



- NAMA Day in LIMA COP
- NAMA Fair in Paris COP

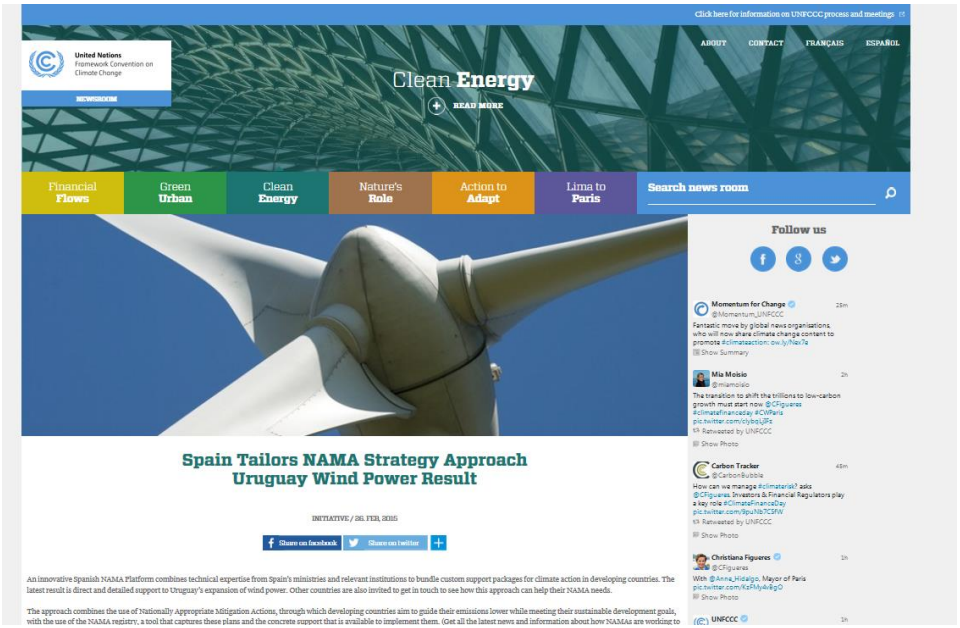
Showcasing how transformational NAMAs are contributing towards moving developing countries along a low-emission development trajectory

NAMA news to enhance visibility of NAMAs

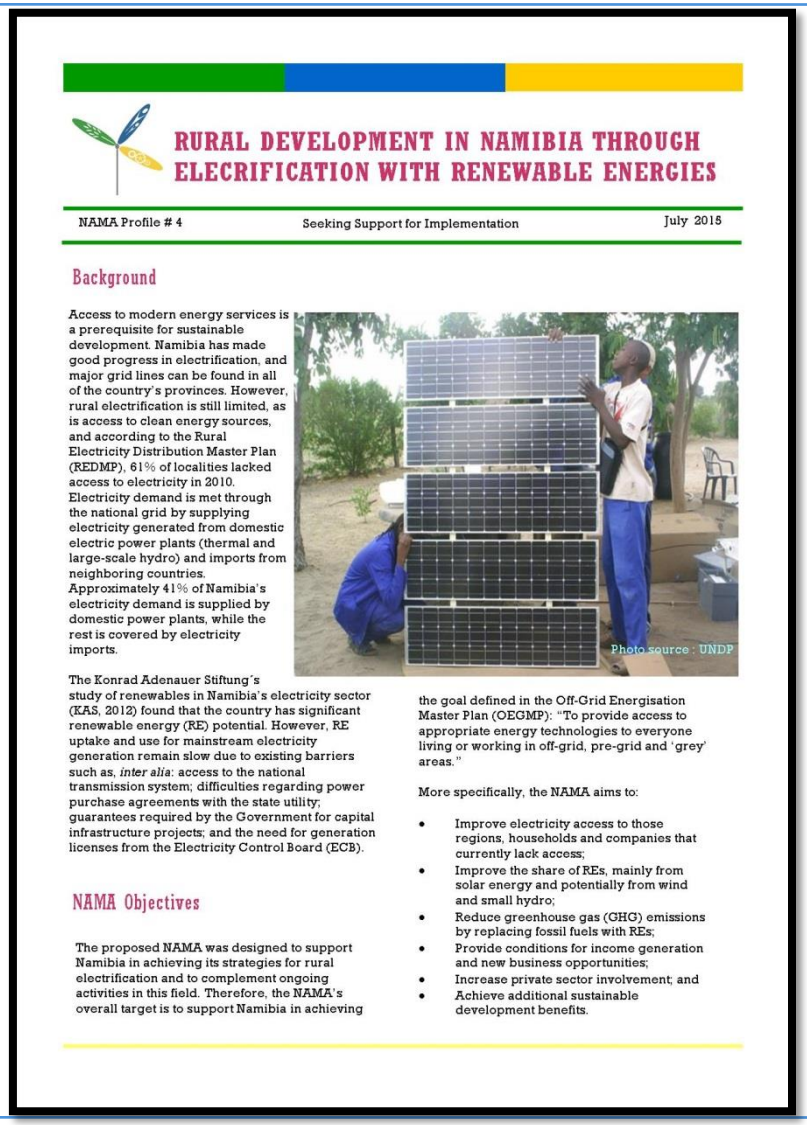


NAMA news, a website to:

- **Increase the visibility of NAMAs**
- **Provide updates on NAMA related activities and publications**
- **Share information on support available**



NAMA Profiles to further promote NAMAs



RURAL DEVELOPMENT IN NAMIBIA THROUGH ELECRIFICATION WITH RENEWABLE ENERGIES

NAMA Profile # 4 | Seeking Support for Implementation | July 2015

Background

Access to modern energy services is a prerequisite for sustainable development. Namibia has made good progress in electrification, and major grid lines can be found in all of the country's provinces. However, rural electrification is still limited, as is access to clean energy sources, and according to the Rural Electricity Distribution Master Plan (REDMP), 61% of localities lacked access to electricity in 2010. Electricity demand is met through the national grid by supplying electricity generated from domestic electric power plants (thermal and large-scale hydro) and imports from neighboring countries. Approximately 41% of Namibia's electricity demand is supplied by domestic power plants, while the rest is covered by electricity imports.

Photo source : UNDP

The Konrad Adenauer Stiftung´s study of renewables in Namibia's electricity sector (KAS, 2012) found that the country has significant renewable energy (RE) potential. However, RE uptake and use for mainstream electricity generation remain slow due to existing barriers such as, *inter alia*: access to the national transmission system; difficulties regarding power purchase agreements with the state utility; guarantees required by the Government for capital infrastructure projects; and the need for generation licenses from the Electricity Control Board (ECB).

NAMA Objectives

The proposed NAMA was designed to support Namibia in achieving its strategies for rural electrification and to complement ongoing activities in this field. Therefore, the NAMA's overall target is to support Namibia in achieving the goal defined in the Off-Grid Energisation Master Plan (OEGMP): "To provide access to appropriate energy technologies to everyone living or working in off-grid, pre-grid and 'grey' areas."

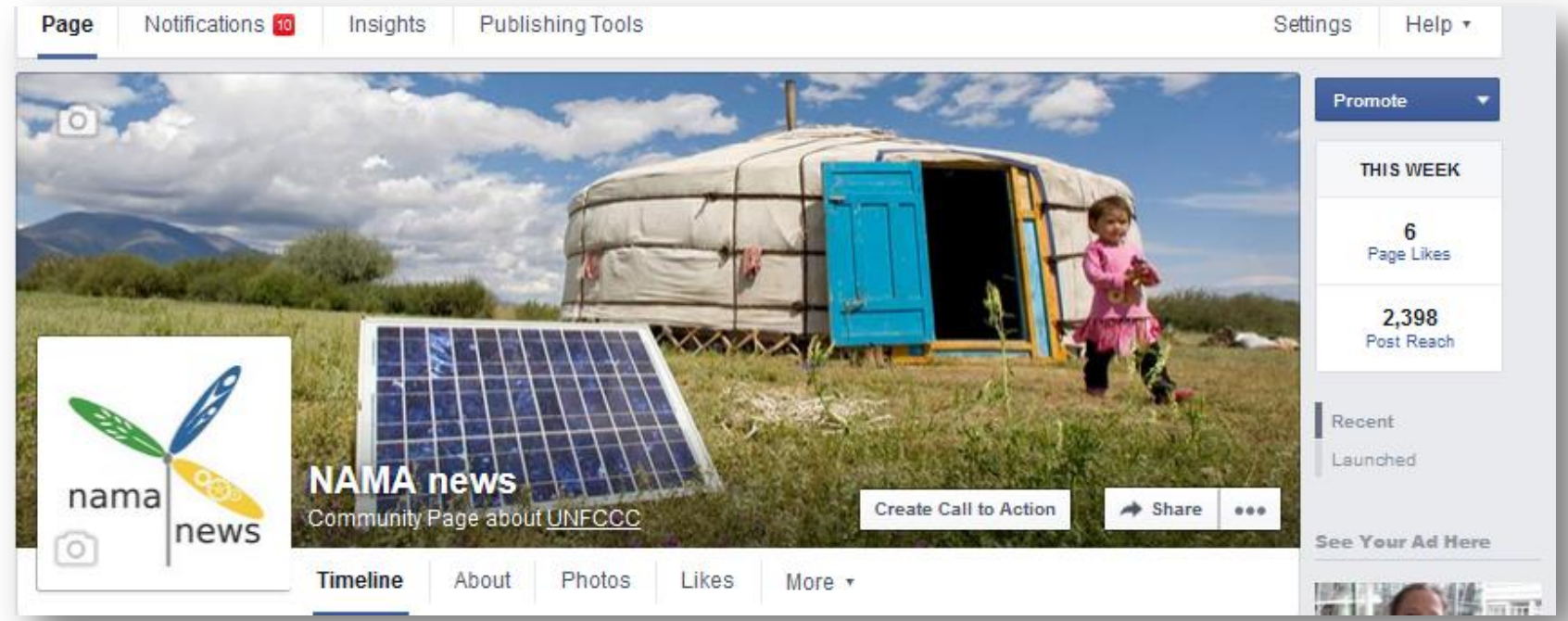
More specifically, the NAMA aims to:

- Improve electricity access to those regions, households and companies that currently lack access;
- Improve the share of REs, mainly from solar energy and potentially from wind and small hydro;
- Reduce greenhouse gas (GHG) emissions by replacing fossil fuels with REs;
- Provide conditions for income generation and new business opportunities;
- Increase private sector involvement; and
- Achieve additional sustainable development benefits.

- **All NAMAs are potential candidates**
- **Need to collect additional information (SD-co benefits, link to national policies..)**
- **Distributed through multiple channels**

http://unfccc.int/cooperation_support/nama/items/7598.php

Utilizing the social media to promote NAMAs



Benefits of participating in the registry

Parties and users have already realized the registry's usefulness as :

Promotion and marketing Platform

- To gain visibility for undertaking climate actions on the ground;
- To increase probability for obtaining international support

Authentic and official source

- of information, data and knowledge on NAMAs, and support needed and available for NAMAs.

Information sharing platform

- For sharing best practices, technical tools and information for designing and implementing NAMAs

Expectations from Parties and users

It is recommended that Parties and others who may benefit from the registry:

a) Find ways to increase their level of participation in the registry, including obtaining access rights and creating registry entries. For developing country Parties, the ability to decentralize the preparation of NAMAs through NAMA developer access rights may facilitate participation

b) Take steps to ensure that their entries in the registry are accurate, complete and up-to-date

c) Continue to provide the secretariat with suggestions for improving the registry, with their related capacity-building needs and to make use of relevant technical resources

The registry has a diversified role to play in long run

1. **Acting as submission portal for financial mechanisms under the convention, national and international support agencies**;
2. **Official tracking of concrete climate actions on the ground (GHG emissions reduction targets/achievement) and associated support needs under the 2015 climate agreement;**
3. **Official tracking of implementation of international support commitments for mitigation actions under the 2015 climate agreement;**

The registry has a diversified role to play in long run

4. Reporting implementation status of NAMAs and associated ex-post impacts (emission reductions and sustainable development benefits);
5. Showing what works in terms of investment and support;
6. Compiling and sharing best practices;
7. Recording data with a view to improving emissions statistics and projections;

@NAMAPartnership **#NAMARegistry**

NAMA news

namanews.org

unfccc.int

Annual COP report on registry operation:

FCCC/CP/2015/INF.02

To view the registry visit:

NAMA registry

For any query and/or assistance please contact us :

NAMA-registry@unfccc.int or NAMA-support@unfccc.int

Gopal Raj Joshi, Associate Programme Officer

UNFCCC secretariat - Mitigation, Data and Analysis Programme

We would like to hear from you !

1

- What you would like to suggest for further improvements in the registry including technical functionalities and support by the secretariat ?

2

- What are the ways to make the best of use the registry in facilitating design and implementation of mitigation actions?