

The NAMA registry

Windhoek, October 1-3 2014



Claudio Forner

UNFCCC secretariat - Mitigation, Data and Analysis Programme

- Background
 - Mandate for the registry
 - Registry development timeline
 - Registry fundamentals

- Operation of the Registry
 - Overview of content
 - Secretariat activity

- Challenges and opportunities



- The COP decided to establish a registry to record nationally appropriate mitigation actions (1/CP.16)
- The COP also decided that the registry should be developed as a dynamic, web-based platform managed by a dedicated team in the secretariat (2/CP.17)
- Participation is voluntary and only the registry contains only information that has been submitted specifically for recording.



- Interim facility: August 2012
- Fully functional prototype: April 2013
- First release of the web based registry: October 2013.
- Second release of the web based registry: March 2014.



Country pages
 NAMAs seeking support for preparation
 NAMAs seeking support for implementation
 Other NAMAs, for recognition
 Information on support
 Supported NAMAs

Browse ...

Search this site...

Advanced search

Search ...

NAMAs seeking support

| <u>Country</u> | <u>Title</u> | <u>Date Created</u> |
|----------------|---|---------------------|
| Azerbaijan | Nationally Appropriate Mitigation Actions for low-carbon end-use sectors in Azerbaijan | 05/26/2014 |
| Indonesia | Smart Street Lighting Initiative | 05/15/2014 |
| Mongolia | National Energy Efficient Lighting Program in Mongolia | 04/03/2014 |
| Pakistan | Energy Efficient Lighting in Residential, Commercial, Industrial, and Outdoor Sectors of Pakistan | 03/19/2014 |
| Georgia | Adaptive Sustainable Forest Management in Borjomi-Bakuriani Forest District | 03/17/2014 |

Last updated information on support

| <u>Country</u> | <u>Title</u> | <u>Date Created</u> |
|---|---|---------------------|
| Austria | Support for Activities related to sustainable Management of Forests | 05/15/2014 |
| Austria | Austrian NAMA Initiative | 03/13/2014 |
| European Union | Latin American Investment Facility | 11/06/2013 |
| European Union | Neighbourhood Investment Facility | 11/06/2013 |
| Austria, Belgium, Finland, France, Germany, Greece, Italy, Luxembourg, Netherlands, Portugal, Spain, United Kingdom of Great Britain and Northern Ireland | EU-Africa Infrastructure Trust Fund | 11/05/2013 |

NAMAs for recognition

| <u>Country</u> | <u>Title</u> | <u>Date Created</u> |
|----------------|--|---------------------|
| Uruguay | LNG Terminal with regasification capacity of 10.000.000m3/d of natural gas with possible expansion to 15.000.000m3/d | 10/14/2013 |
| Uruguay | Promotion of renewable energy participation in the Uruguayan primary energy mix | 10/14/2013 |
| Chile | Clean Production Agreements in Chile | 10/14/2013 |
| Serbia | Construction of New Energy Efficient Buildings Based on Energy Efficiency Regulation in Serbia | 10/14/2013 |

Support provided/received

| <u>From</u> | <u>Title</u> | <u>To</u> | <u>Date Recorded</u> |
|-------------|---|---|----------------------|
| Austria | Support for Activities related to sustainable Management of Forests | Adaptive Sustainable Forest Management in Borjomi-Bakuriani Forest District | 05/21/2014 |



NAMA Seeking Support for Preparation
NAMA Seeking Support for Implementation
NAMA for Recognition

Create ...

My tasks
Workflow overview
Manage users

Review ...

Country pages
NAMAs seeking support for preparation
NAMAs seeking support for implementation
Other NAMAs, for recognition
Information on support
Supported NAMAs

Browse ...

Search this site...

Advanced search

Search ...

NAMAs seeking support

| Country | Title | Date Created |
|------------|---|--------------|
| Azerbaijan | Nationally Appropriate Mitigation Actions for low-carbon end-use sectors in Azerbaijan | 04/23/2014 |
| Mongolia | National Energy Efficient Lighting Program in Mongolia | 03/26/2014 |
| Indonesia | Smart Street Lighting Initiative | 03/25/2014 |
| Pakistan | Energy Efficient Lighting in Residential, Commercial, Industrial, and Outdoor Sectors of Pakistan | 03/18/2014 |
| Georgia | Adaptive Sustainable Forest Management in Borjomi-Bakuriani Forest District | 03/05/2014 |

Last updated information on support

| Country | Title | Date Created |
|---|---|--------------|
| Austria | Support for Activities related to sustainable Management of Forests | 05/07/2014 |
| Austria | Austrian NAMA Initiative | 02/17/2014 |
| European Union | Neighbourhood Investment Facility | 11/05/2013 |
| Austria, Belgium, Finland, France, Germany, Greece, Italy, Luxembourg, Netherlands, Portugal, Spain, United Kingdom of Great Britain and Northern Ireland | EU-Africa Infrastructure Trust Fund | 11/05/2013 |
| European Union | Latin American Investment Facility | 11/05/2013 |

NAMAs for recognition

| Country | Title | Date Created |
|---------|--|--------------|
| Serbia | Construction of New Energy Efficient Buildings Based on Energy Efficiency Regulation in Serbia | 06/17/2013 |
| Chile | Clean Production Agreements in Chile | 04/30/2013 |
| Uruguay | Promotion of renewable energy participation in the Uruguayan primary energy mix | 04/30/2013 |
| Uruguay | LNG Terminal with regasification capacity of 10.000.000m ³ /d of natural gas with possible expansion to 15.000.000m ³ /d | 04/30/2013 |

Support provided/received

| From | Title | To | Date Recorded |
|---------|---|--|---------------|
| | Global Environment Facility (GEF) Trust Fund | Nationally Appropriate Mitigation Actions for low-carbon end-use sectors in Azerbaijan | 06/04/2014 |
| Austria | Support for Activities related to sustainable Management of Forests | Adaptive Sustainable Forest Management in Borjomi-Bakuriani Forest District | 05/21/2014 |





Supported NAMAs

| <u>From</u> | <u>Title</u> | <u>To</u> | <u>Date Recorded</u> |
|-------------|---|--|----------------------|
| | Global Environment Facility (GEF) Trust Fund | Nationally Appropriate Mitigation Actions for low-carbon end-use sectors in Azerbaijan | 06/04/2014 |
| Austria | Support for Activities related to sustainable Management of Forests | Adaptive Sustainable Forest Management in Borjomi-Bakuriani Forest District | 05/21/2014 |

NS-85 - Adaptive Sustainable Forest Management in Borjomi-Bakuriani Forest District

Georgia

NAMA Seeking Support for Preparation

| A Overview | | | | ▼ | | | | | | |
|--|----------------------|---|--|---|----------------|--------|------|--|---------|-----------|
| B National Implementing Entity | | | | ▼ | | | | | | |
| C Expected timeframe for the implementation of the mitigation action | | | | ▼ | | | | | | |
| D Currency | | | | ▼ | | | | | | |
| E Cost | | | | ▼ | | | | | | |
| F Support required for the implementation the mitigation action | | | | ▼ | | | | | | |
| G Estimated emission reductions | | | | ▼ | | | | | | |
| H Other indicators | | | | ▼ | | | | | | |
| I Other relevant information | | | | ▼ | | | | | | |
| J Relevant National Policies strategies, plans and programmes and/or other mitigation action | | | | ▼ | | | | | | |
| K Attachments | | | | ▼ | | | | | | |
| L Support received | | | | ▲ | | | | | | |
| L.1 | Outside the Registry | | | | | | | | | |
| L.2 | Within the Registry | <table border="1"> <thead> <tr> <th>Recipient NAMA</th> <th>Amount</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>Support for Activities related to sustainable Management of Forests</td> <td>1940492</td> <td>5/21/2014</td> </tr> </tbody> </table> | | | Recipient NAMA | Amount | Date | Support for Activities related to sustainable Management of Forests | 1940492 | 5/21/2014 |
| Recipient NAMA | Amount | Date | | | | | | | | |
| Support for Activities related to sustainable Management of Forests | 1940492 | 5/21/2014 | | | | | | | | |



- **These statistics are as at 14 August 2014**
- **Further analysis is available in the annual report of the registry**

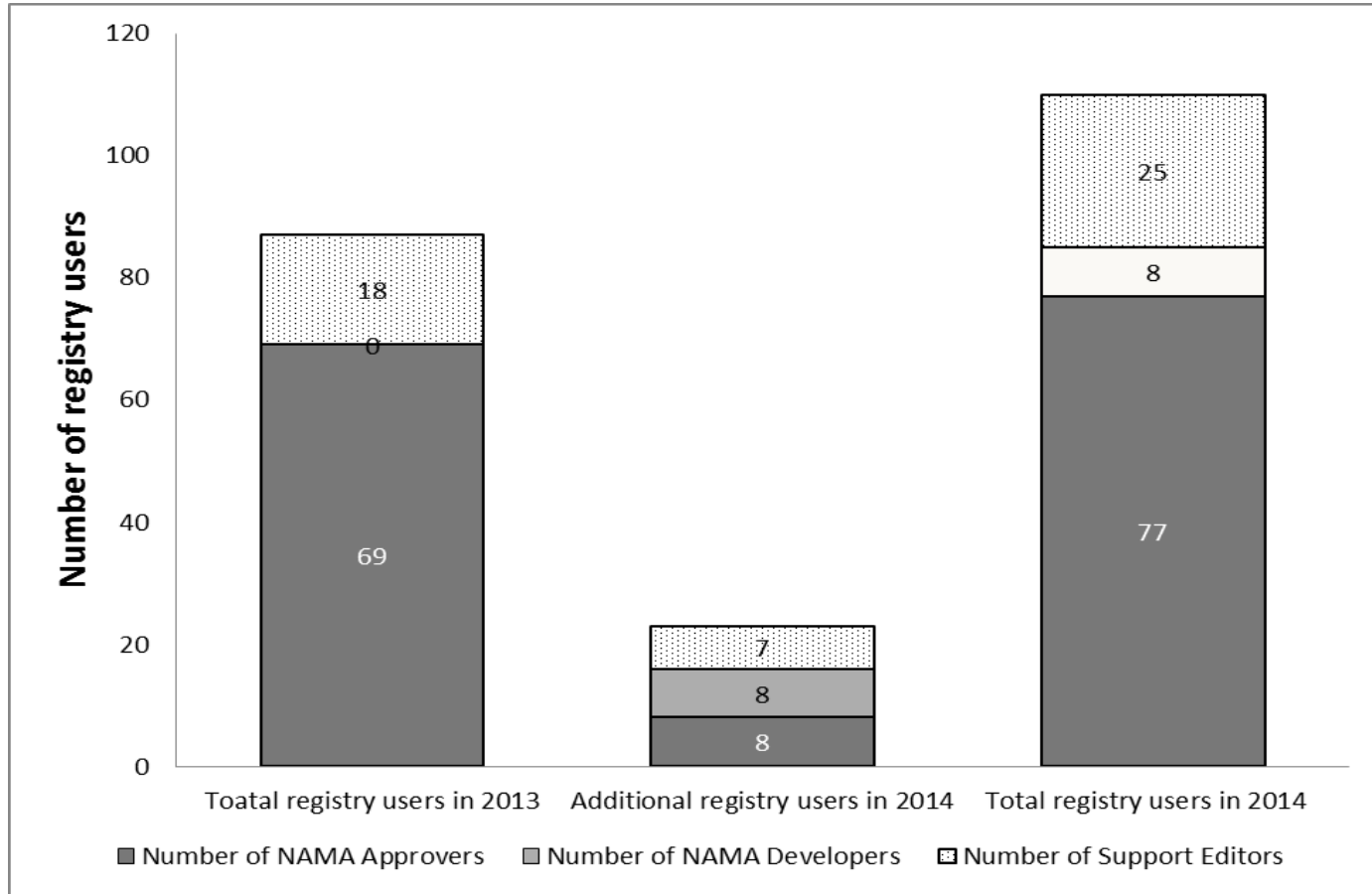


Overview of registry content in 2014: Summary of registry participation

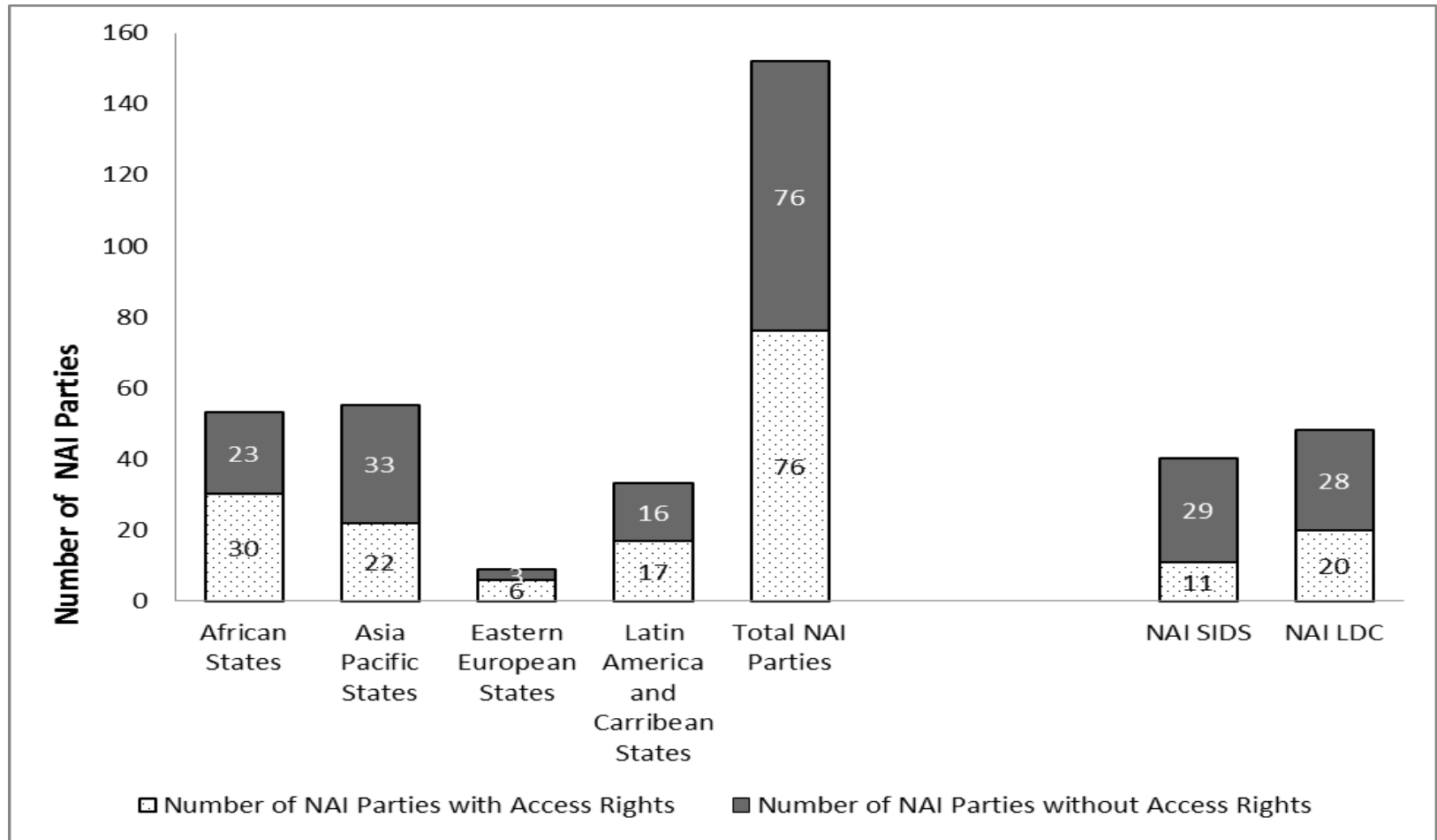
| NAMAs | |
|---------------------------|----|
| Number of NAMA approvers | 77 |
| Number of NAMA developers | 8 |
| Number of NAMA entries | 51 |
| | |
| Support | |
| Number of support editors | 25 |
| Number of support entries | 10 |



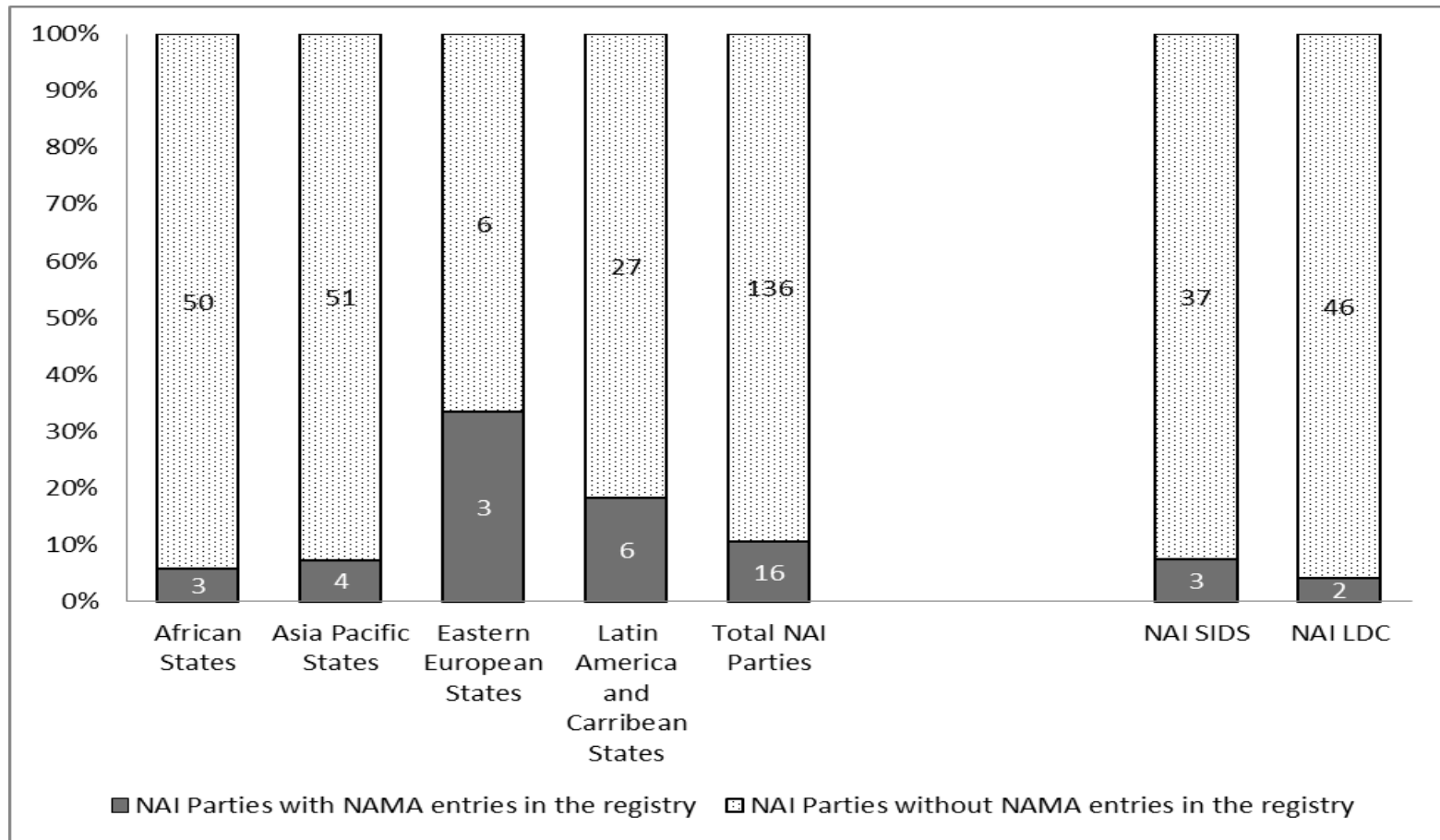
- Registry access rights increased slightly in 2014, notably for NAMA developers



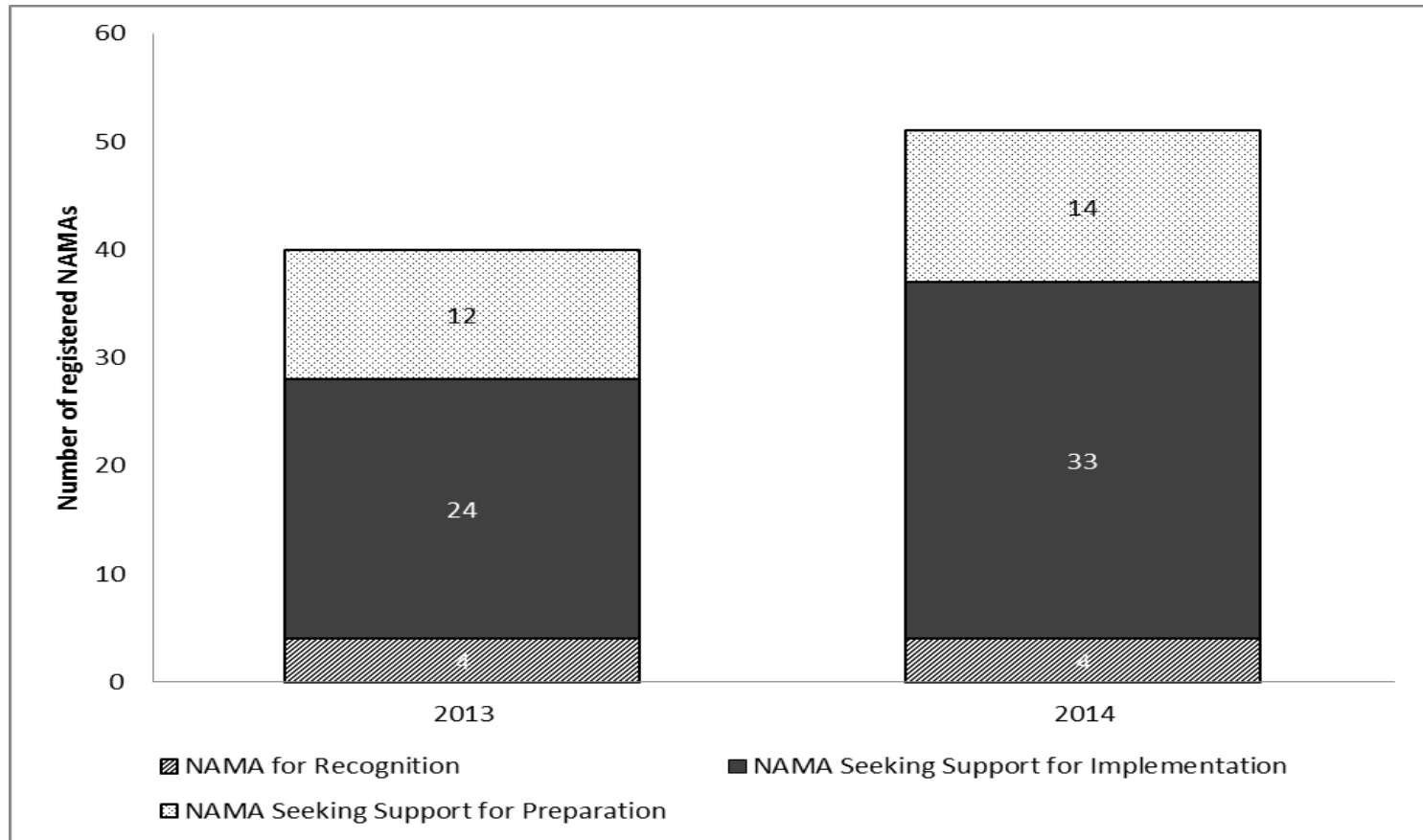
- By region, about 50% of developing countries requested access rights



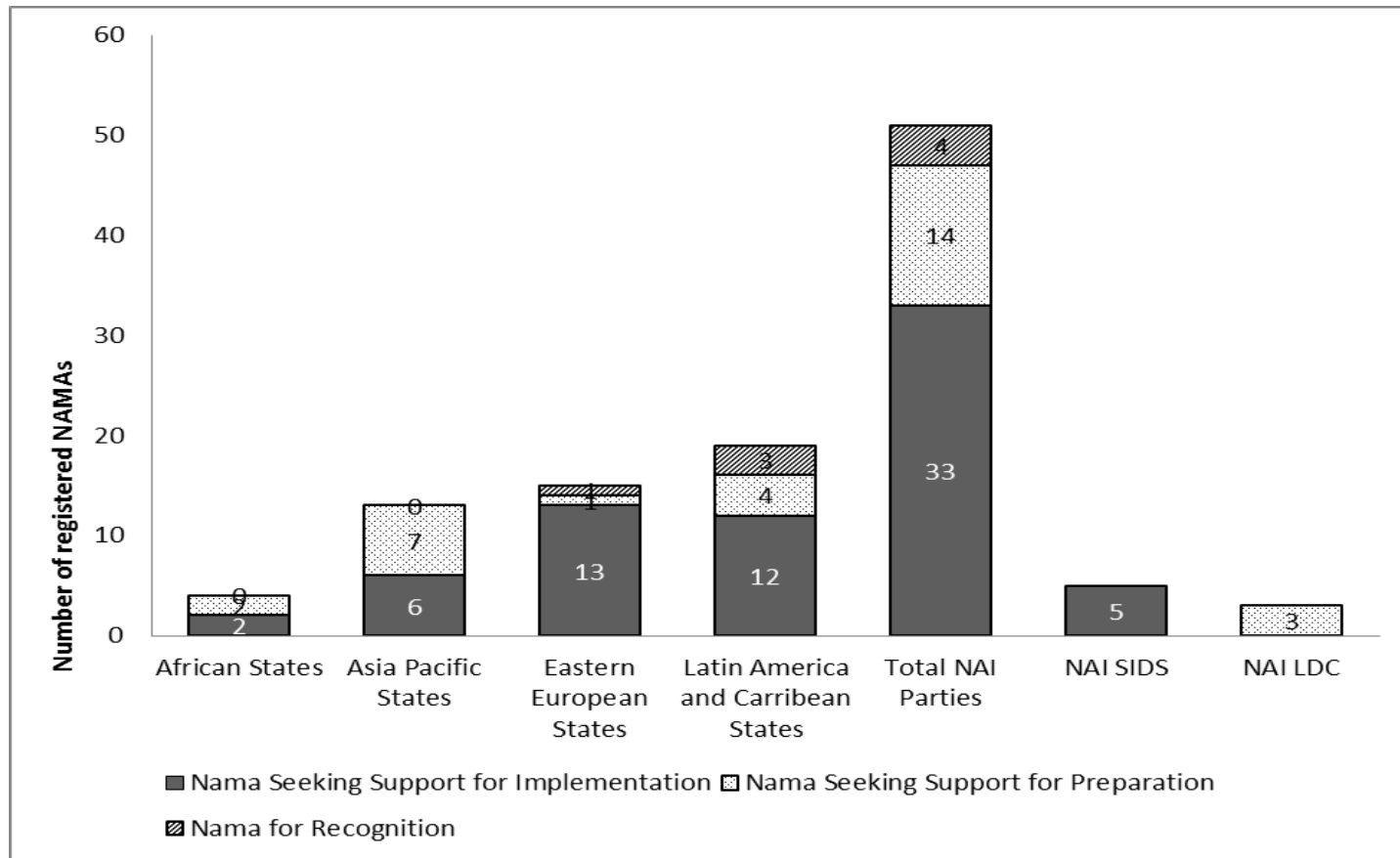
- Significantly fewer have gone the step further of creating an entry in the registry



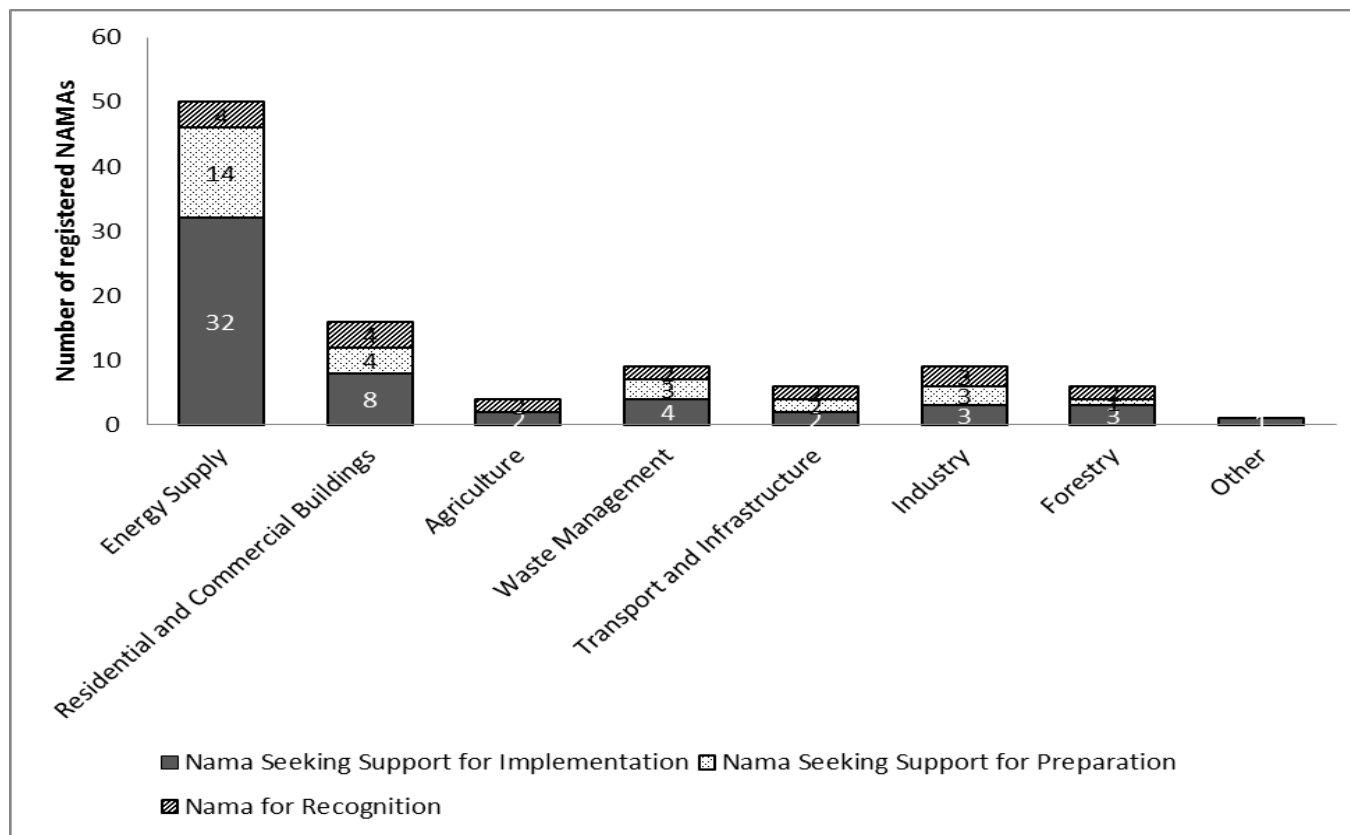
- The majority of NAMA entries are seeking support and the majority of these are seeking support for implementation



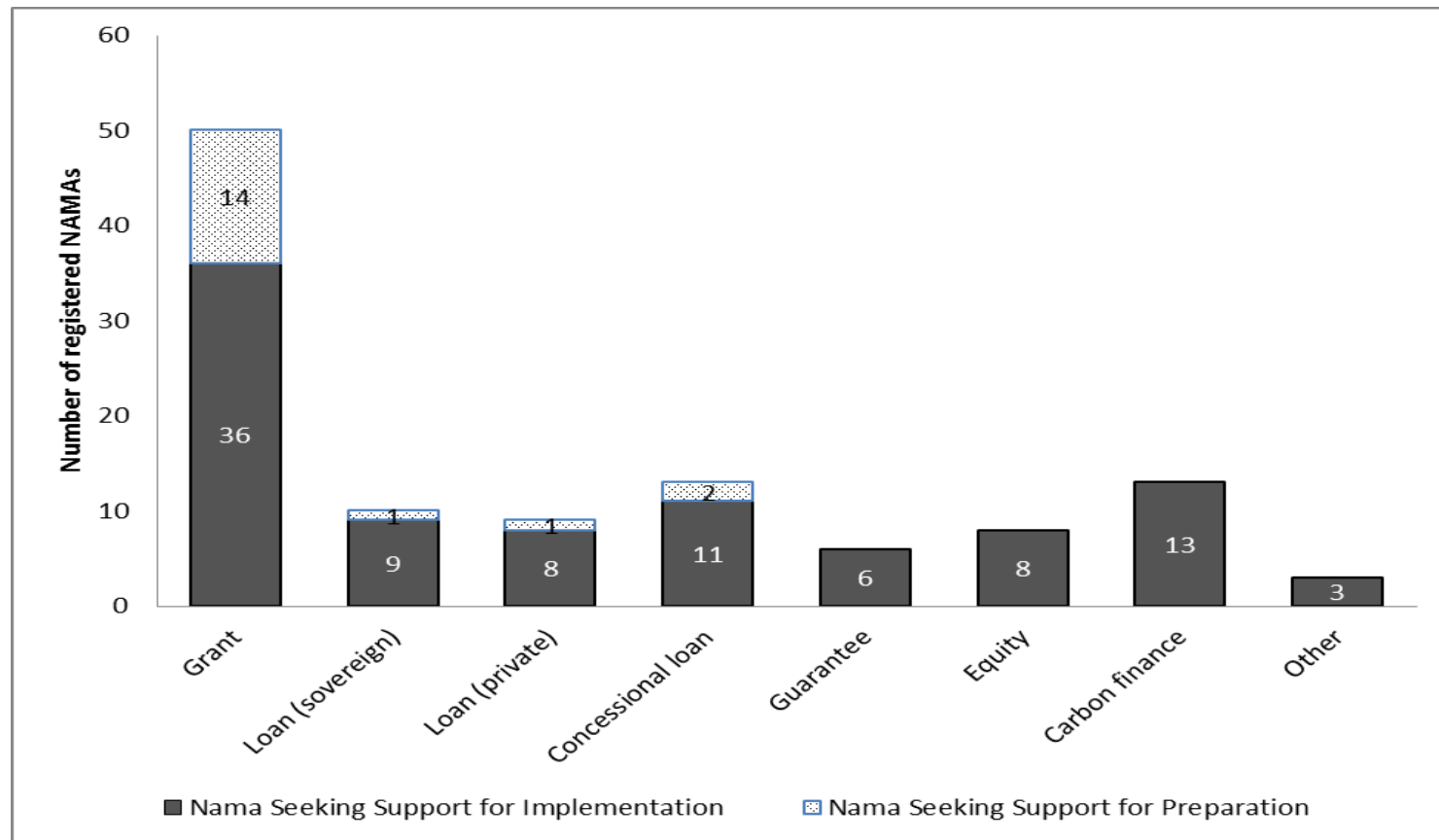
- Most NAMAs come from Latin America and the Caribbean



- The energy supply sector is the sector relevant to most NAMA entries



- Grant funding is the type of financial support most commonly sought by NAMAs



Requests for support

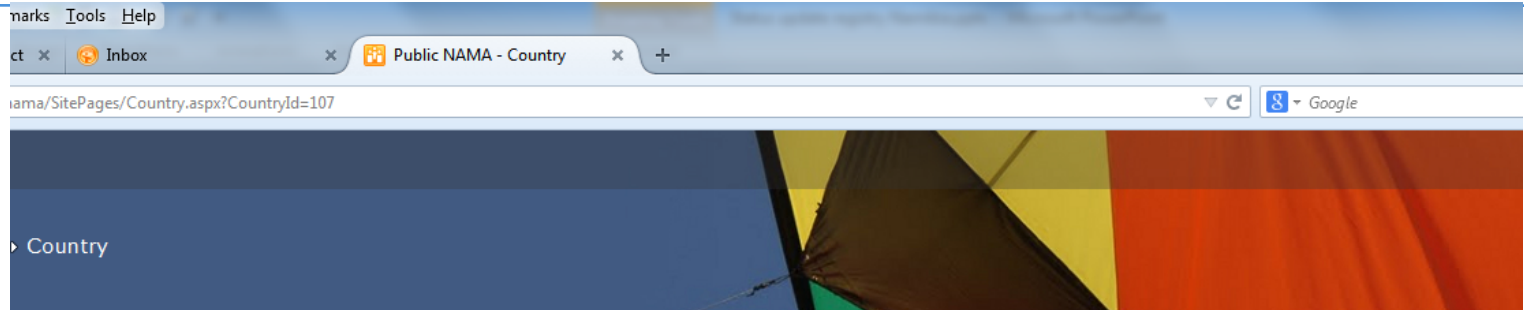
| UNFCCC Regional Groupings by NAMA Category | Sum of Financial support of USD | Sum of Technology support of USD | Sum of Capacity building support USD |
|---|---------------------------------|----------------------------------|--------------------------------------|
| NAMAs seeking support for preparation | 11,695,000 | 1,410,000 | 1,350,100 |
| African States | 80,000 | 260,000 | 700,000 |
| Asia-Pacific States | 10,400,000 | 1,150,000 | 600,100 |
| Eastern European States | 1,00,000 | No entries for this region | No entries for this region |
| Latin America and Caribbean States | 1,115,000 | No entries for this region | 50,000 |
| NAMAs seeking support for implementation | 5,133,020,491 | 1,298,712,603 | 13,263,000 |
| African States | 288,600,000 | 200,000 | No entries for this region |
| Asia-Pacific States | 389,785,552 | 32,000,000 | 10,000,000 |
| Eastern European States | 2,495,662,000 | 1,081,500,000 | No entries for this region |
| Latin America and Caribbean States | 1,958,972,939 | 185,012,603 | 3,263,000 |
| Grand Total | 5,144,715,491 | 1,300,122,603 | 14,613,100 |



- 30 out of 53 African states have requested access rights
- 3 have registered NAMAs:
 - 2 for preparation (Mali)
 - 2 for implementation (Kenya and Sudan)
- Out of 2 matches, one took place in Africa



Mali page



Country Pages

- a b c d e f g h i j k l **m** n o p q r s t u v w x y z
- [Madagascar](#) [Malawi](#) [Malaysia](#) [Maldives](#) [Mali](#) [Malta](#) [Marshall Islands](#) [Mauritania](#) [Mauritius](#) [Mexico](#) [Micronesia \(Federated States of\)](#)
[Monaco](#) [Mongolia](#) [Montenegro](#) [Morocco](#) [Mozambique](#) [Myanmar](#)

Mali

NAMA seeking support for preparation

Export to Excel

| <u>Id</u> | <u>Title</u> |
|--|--|
| <input type="text" value="Search..."/> | <input type="text" value="Search..."/> |
| NS-12 | NAMA in Renewable Energy and Energy Efficiency |
| NS-13 | NAMA in the Forestry sector |

NAMA seeking support for implementation

Export to Excel

| <u>Id</u> | <u>Title</u> |
|--|--|
| <input type="text" value="Search..."/> | <input type="text" value="Search..."/> |
| No records to display. | |

Other NAMA, for recognition





NS-83 - NAMA for accelerated geothermal electricity development in Kenya

Kenya

NAMA Seeking Support for Implementation

A Overview

A.1 Party

A.2 Title of Mitigation Action **NAMA for accelerated geothermal electricity development in Kenya**

A.3 Description of mitigation action

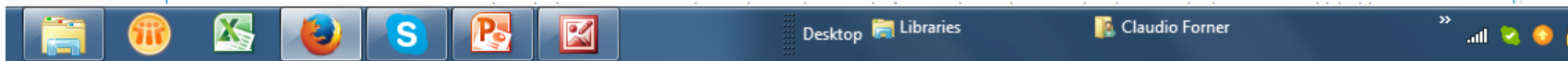
Kenya launched its National Climate Change Action Plan (NCCAP) in 2013, in which accelerated geothermal power development was identified as a mitigation option that has large greenhouse gas (GHG) emissions reduction potential and highly positive co-benefits.

Kenya's short-term ambitions for geothermal are outlined in the 5,000+ MW in 40 months initiative launched by the Government of Kenya (GoK) in 2013. This initiative aims to generate bring online approximately 1,500 MW of new additional geothermal capacity by 2017 from the current capacity of approximately 200 MW (MoEP, 2013). In the longer term, Kenya's Vision 2030 states an ambition of 50000 MW of installed geothermal capacity by 2030.

Although there is significant ambition and political will, reaching the short, medium and even long-term geothermal ambition will be a major challenge.

According to the Business As Usual (BAU) scenario defined in the NCCAP, geothermal power will continue to expand to approximately 2500 MW by 2030 (NCCAP, 2012). This falls well short of Kenya's stated ambitions.

If the geothermal sector fails to deliver new capacity in a timely manner, Kenya is likely to prioritise alternative options. Recent discoveries of petroleum, coal and natural gas indicate that fossil fuels likely will increase in the electricity generation fuel mix. As high carbon intensity power sources, this would put the Kenya power sector on a high-carbon development pathway.



NS-121 - Development of a feed-in tariff NAMA for renewable energy

Sudan

NAMA Seeking Support for Implementation

A Overview

A.1 Party

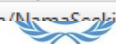
A.2 Title of Mitigation Action

A.3 Description of mitigation action

- Development of a set of guidelines to establish national NAMA eligibility and design criteria;
- Strengthening the Higher Council for Environment & Natural Resources (HCENR) as the national coordinating institution and quality assurer for NAMAs;
- Establishment of a baseline for calculating emission reductions from grid-connected renewable energy through development of a tool for annually updating the emission factor of the national electricity system; and
- Development and implementation of an MRV framework for the NAMA.

A.4 Sector Energy supply Transport and its Infrastructure
 Residential and Commercial buildings Industry
 Agriculture Forestry
 Waste management
 Other

A.5 Technology Bioenergy Cleaner Fuels
 Energy Efficiency Geothermal energy
 Other



- Limited use and level of participation: the registry needs to contain a critical mass of information to be effective
- Improving information accuracy and completeness : registry content needs to be reliable and complete
- Limitations of final registry design: Functionality of registry determined by Parties but the secretariat received limited feedback from Parties on the design of the registry, in particular on the templates used for creating entries



- 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 secretariat will continue to support for the registry, within the restrictions of mandate and budget:
 - a) Capacity building through regional NAMA workshops
 - a) Development of technical resources requested by Parties
 - b) Outreach activities with potential providers of support and proponents of supported NAMAs
 - c) Providing direct support to individual registry users
 - d) Improving the registry platform



Annual report on registry operation:
upcoming

Report on the extent of matching:
FCCC/SBI/2014/INF.10

To view the registry visit:
http://unfccc.int/cooperation_support/nama/items/8184.php



Jules Williams, Associate Programme Officer

UNFCCC secretariat - Mitigation, Data and Analysis Programme