



# African participation in Horizon 2020

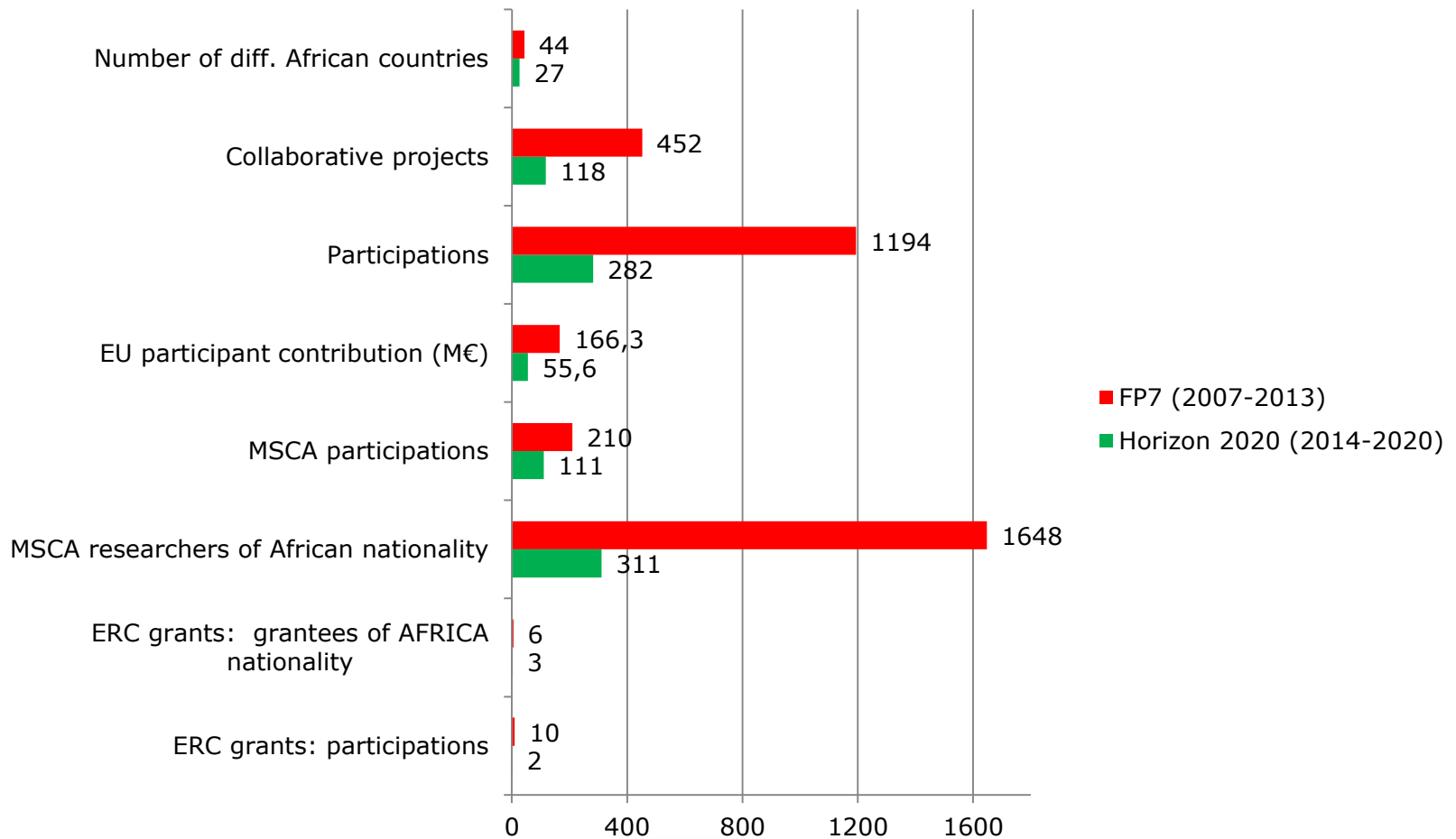
## *Focus on SADC*



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DG Research & Innovation  
European Commission

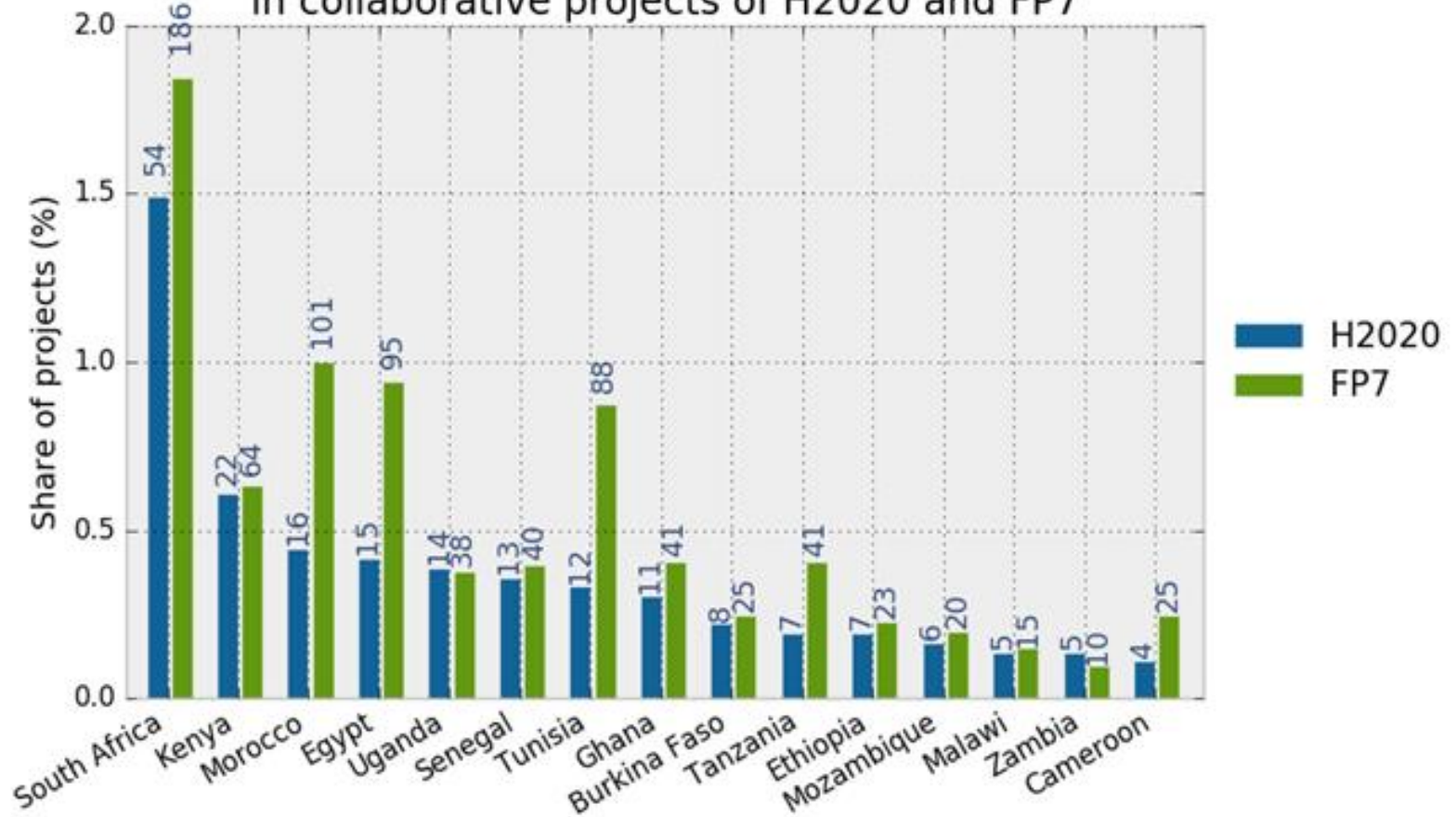
15/16 May 2017

# Overview African participation





## Africa: Shares of projects with participants from the most active countries in collaborative projects of H2020 and FP7

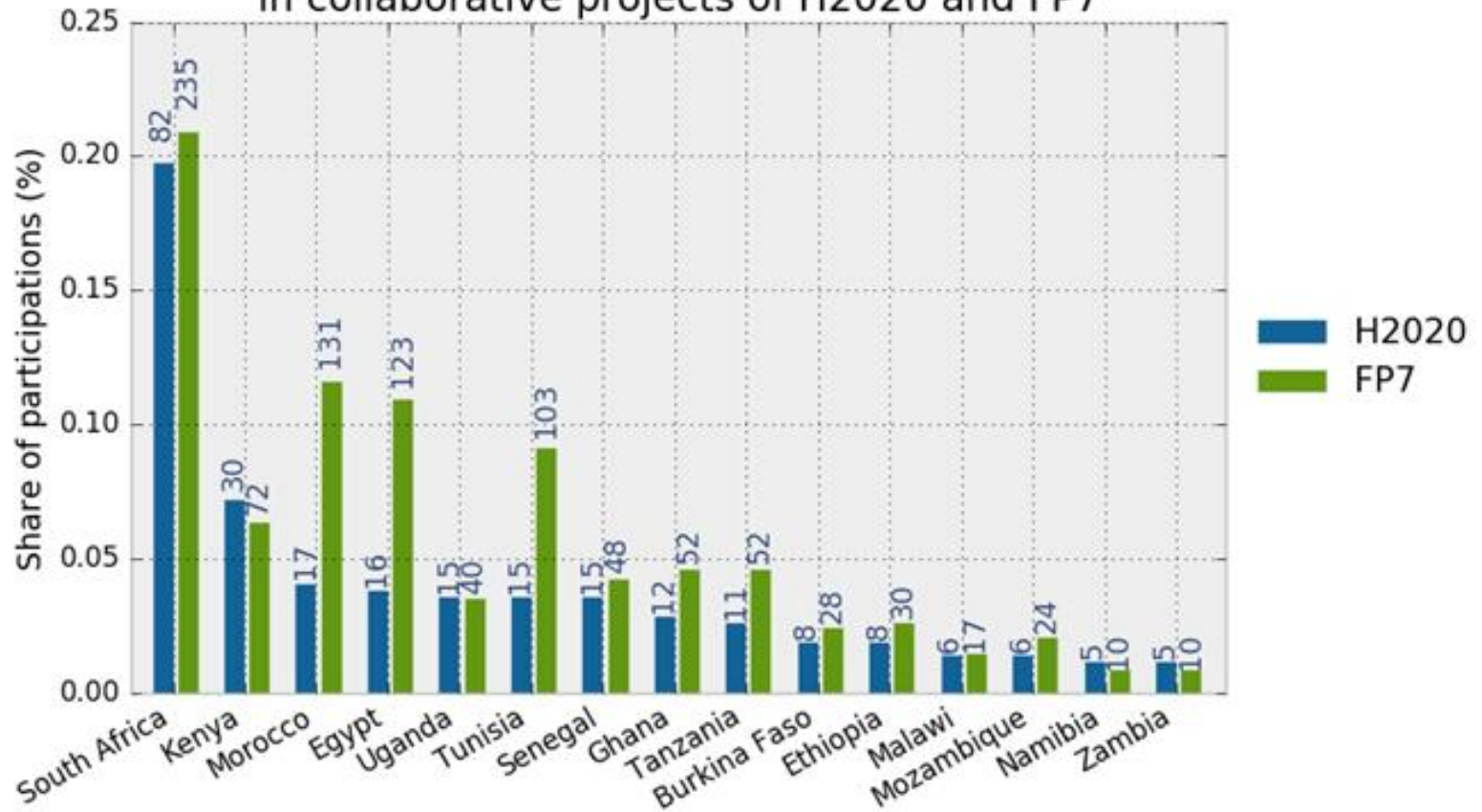


Note: Signed collaborative projects. Participations of beneficiaries or third-parties.

Source: DG RTD - International Cooperation

Data: CORDA (JRC, EIT & art.185 not included), extraction date: 4/5/2017

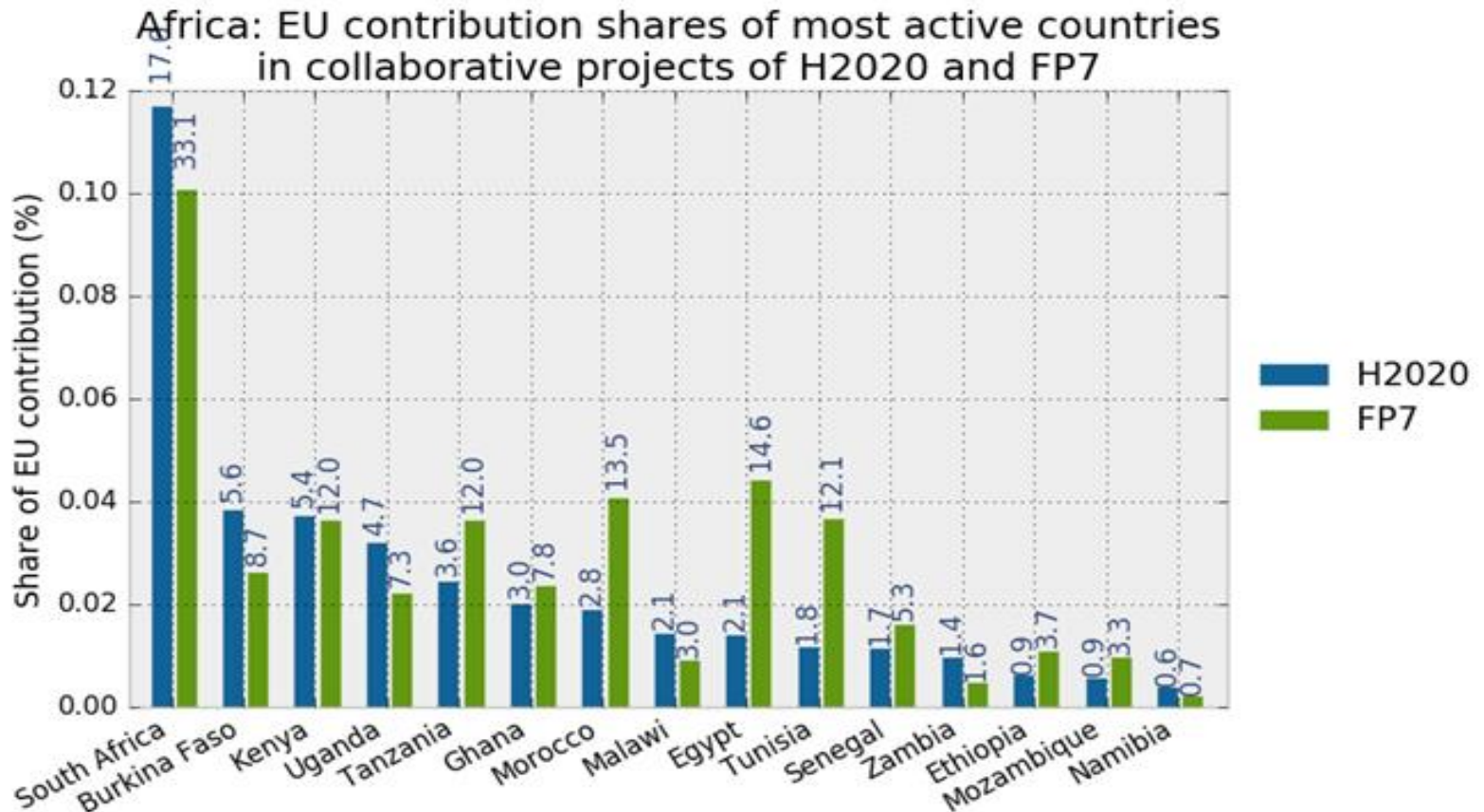
## Africa: Participation shares of most active countries in collaborative projects of H2020 and FP7



Note: Signed collaborative projects. Participations of beneficiaries or third-parties.

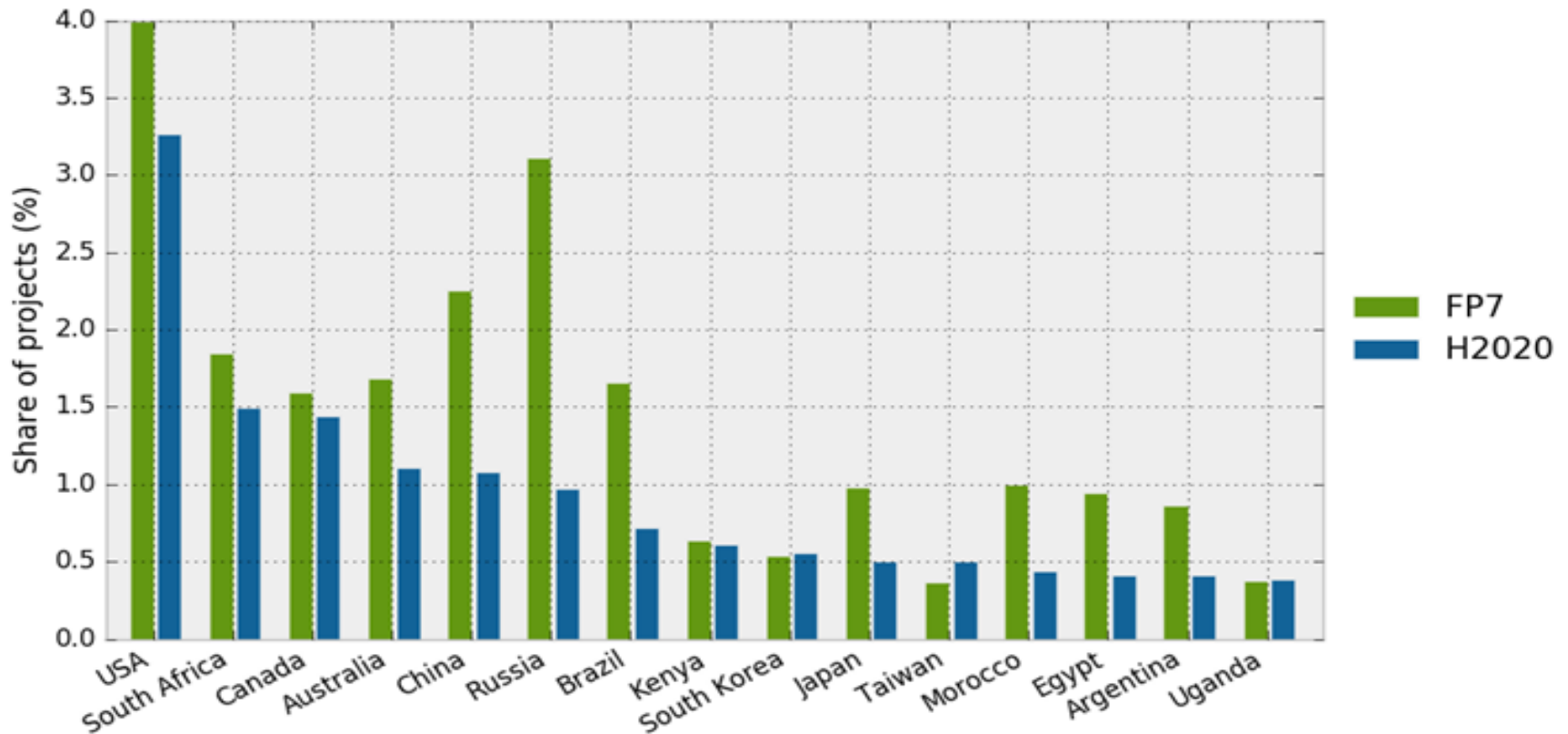
Source: DG RTD - International Cooperation

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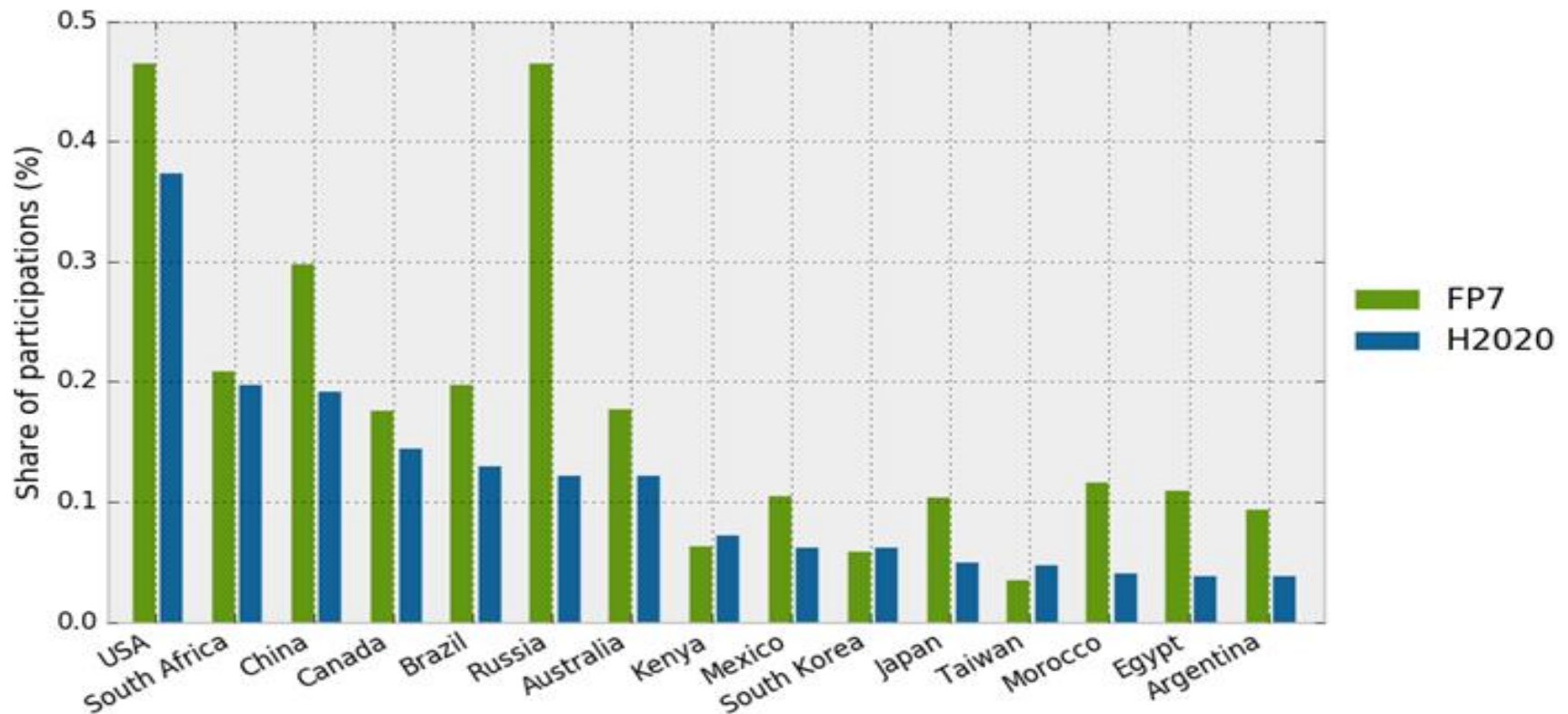
Note: Signed collaborative projects. Participations of beneficiaries. EU contribution in million euros.  
 Source: DG RTD - International Cooperation  
 Data: CORDA (JRC, EIT & art.185 not included), extraction date: 4/5/2017

## Shares of projects with participants from the most active third countries in collaborative projects of H2020 and FP7



Note: Signed collaborative projects. Participations of beneficiaries or third-parties.  
 Source: DG RTD - International Cooperation  
 Data: CORDA (JRC, EIT & art.185 not included), extraction date: 19/04/2017

## Participation shares of most active third countries in collaborative projects of H2020 and FP7

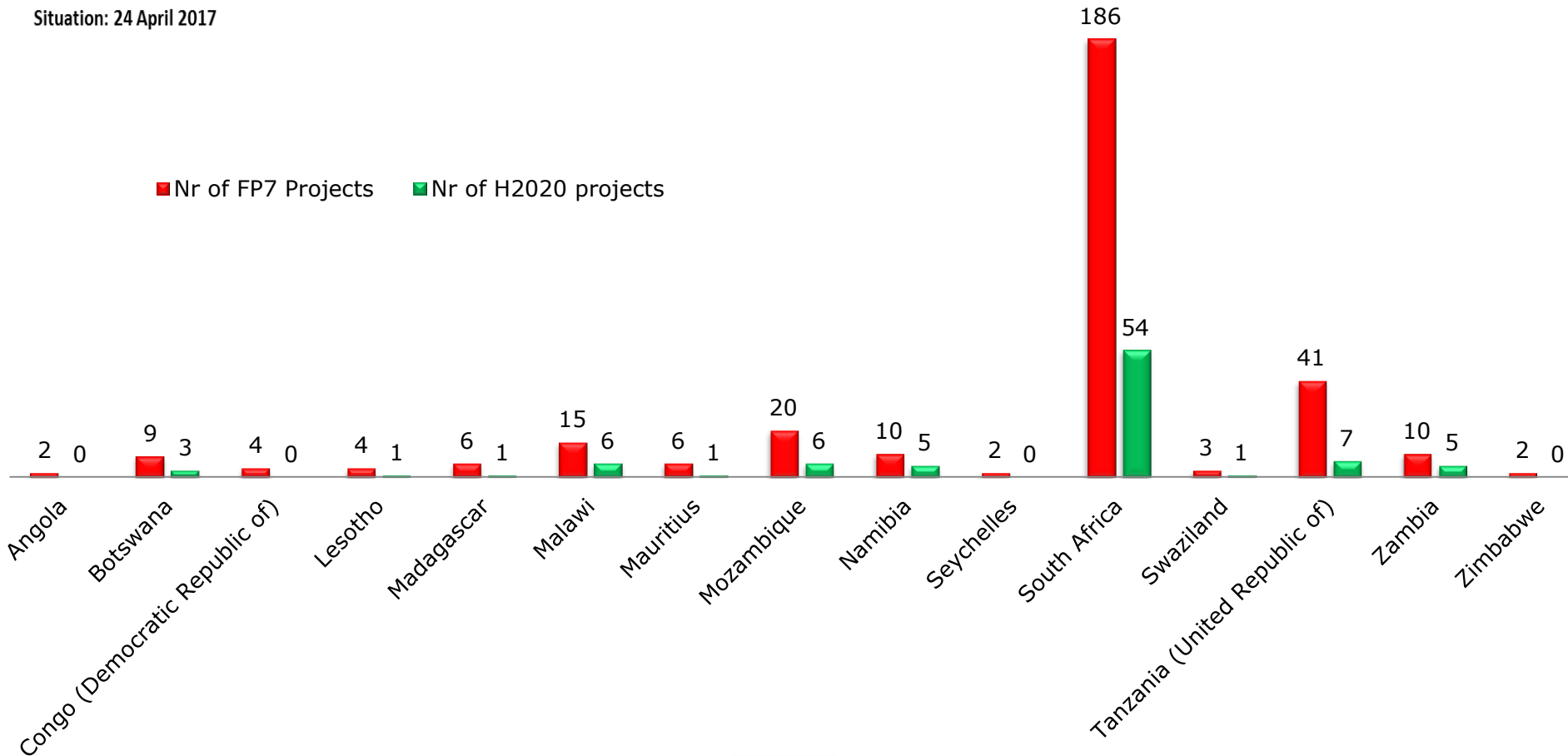


Note: Signed collaborative projects. Participations of beneficiaries or third-parties.  
 Source: DG RTD - International Cooperation  
 Data: CORDA (JRC, EIT & art.185 not included), extraction date: 19/04/2017

# SADC – collaborative projects

Situation: 24 April 2017

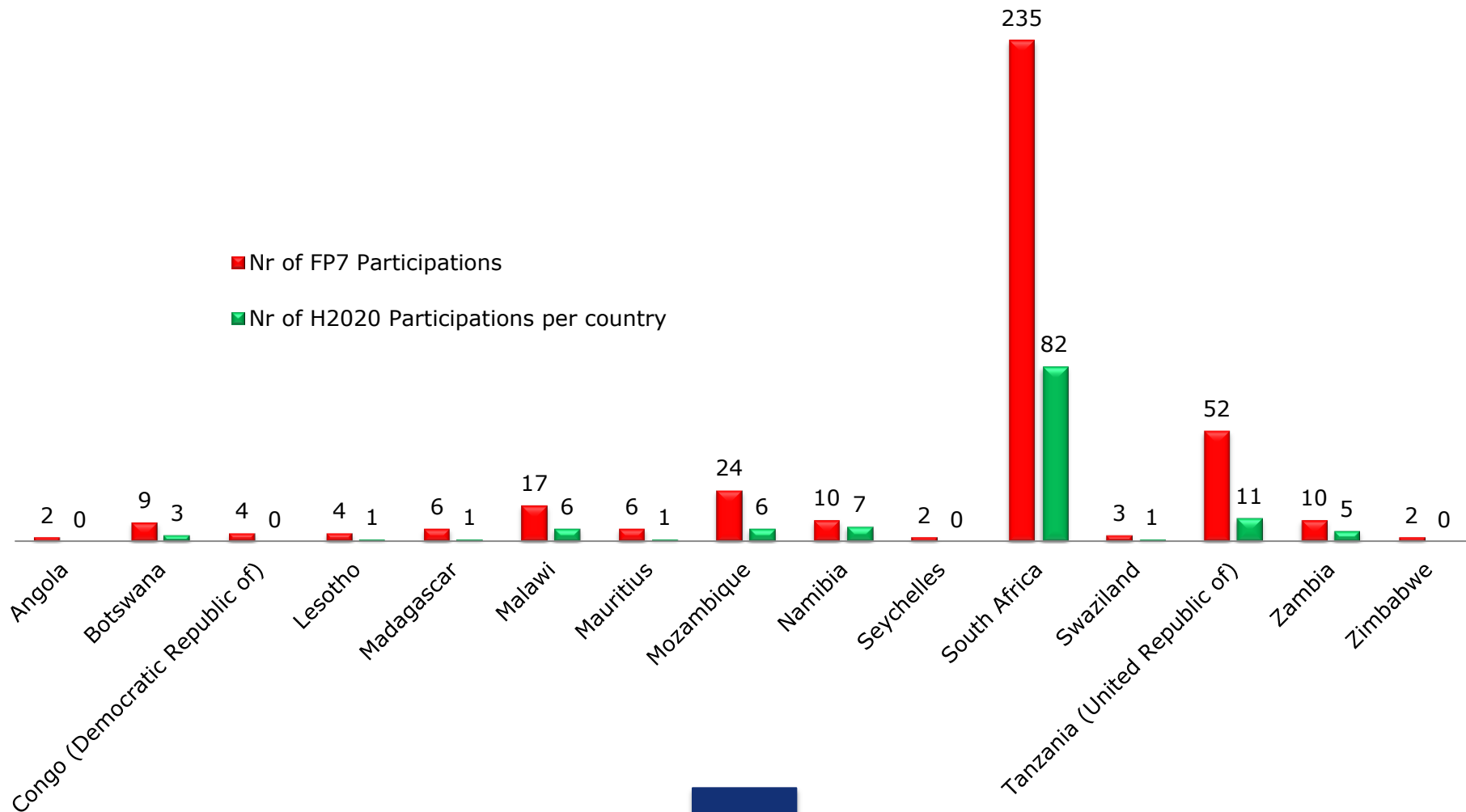
■ Nr of FP7 Projects    ■ Nr of H2020 projects



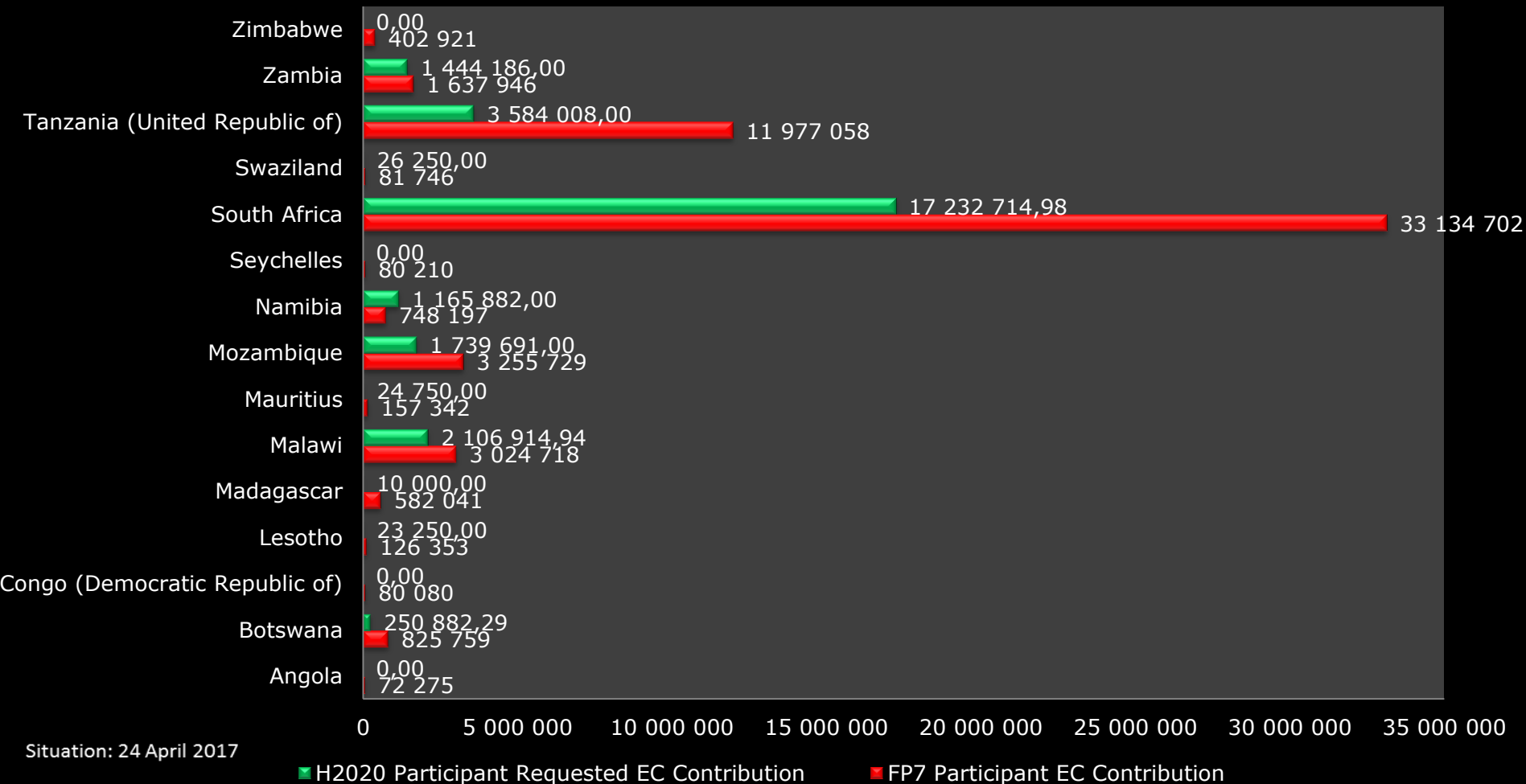


# SADC – participations

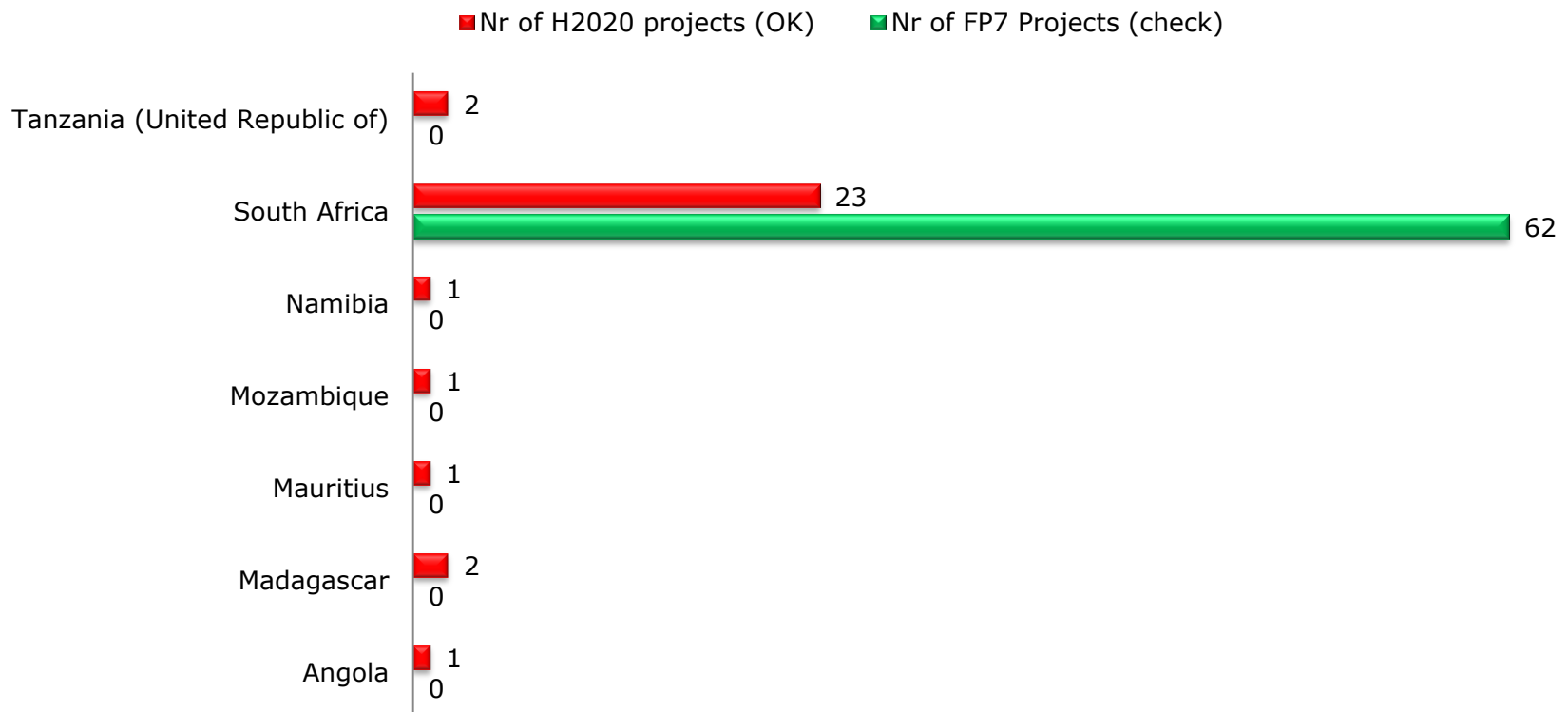
Situation: 24 April 2017



# Participant EC contribution

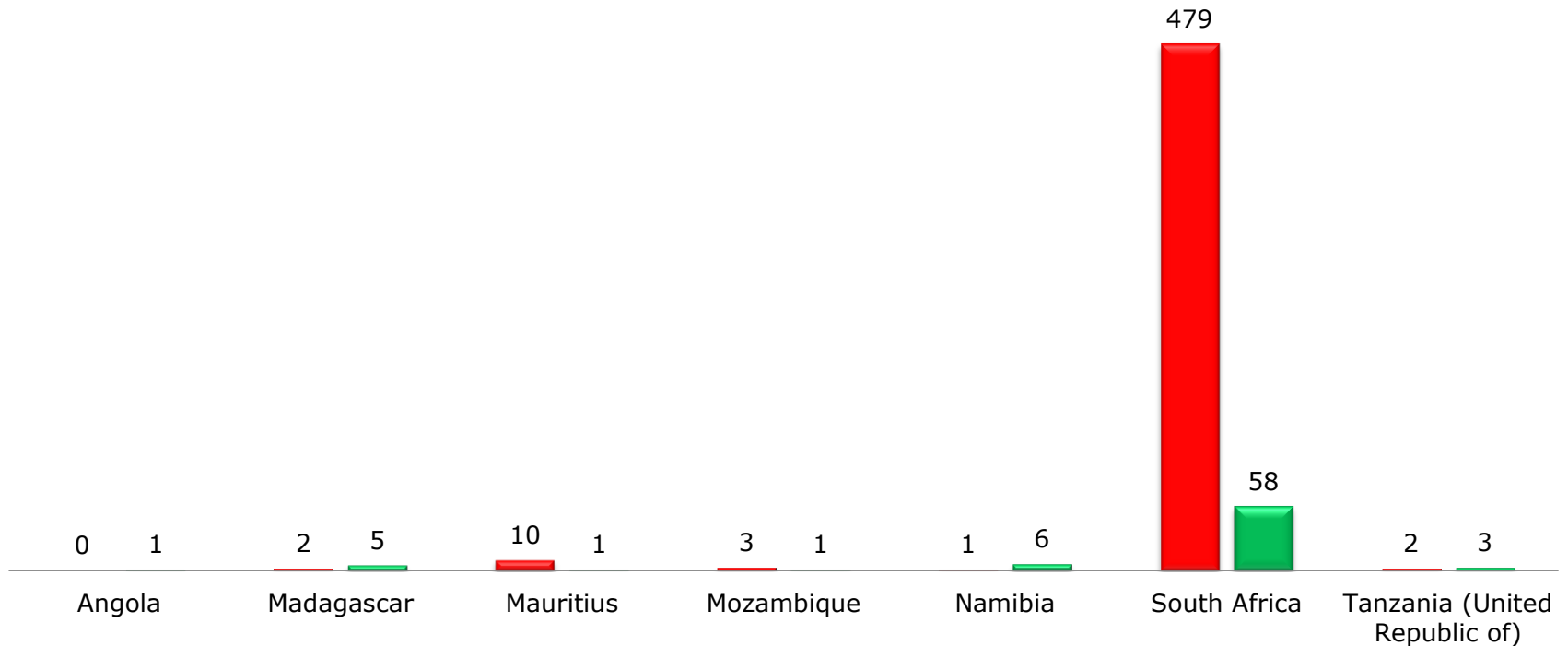


# Marie-Curie Actions: projects



# Marie-Curie: researchers

■ Nr of researchers - FP7    ■ Nr of researches - Horizon 2020



Source: Corda,  
24/04/2017

## ERC grantees from Africa

	FP7 ERC			H2020 ERC			Total
	StG/CoG 2007-2013	AdG 2008-2013	Total FP7	StG 2014 StG2015 StG2016	CoG2014 CoG2015	AdG 2014 AdG2015	
Morocco	1	1	2				2
South Africa		1	1	1			2
Algeria		1	1			1	2
Tunisia		1	1				1
Cameroon	1		1				1
Egypt				1			1
<b>Total</b>	<b>2</b>	<b>4</b>	<b>6</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>9</b>

# **Examples of African participation in Horizon 2020 and previous programme (FP7)**

# Examples from Horizon 2020

## IST-Africa 2016-2018 – Information Society Technologies in Africa 2016-2018

- **CSA: EU contribution of €800,000**
- **Led by IIMC - International Information Management Corporation LTD (Ireland)**
- **18 partners, including 9 SADC:** Ministry of Transport and Communications (**Botswana**), Ministry of Communications, Science and Technology (**Lesotho**), Ministry of Education, Science and Technology (**Malawi**), National Computer Board (**Mauritius**), Instituto Nacional de Tecnologias de Informacao e Comunicacao (**Mozambique**), Ministry of Education (**Namibia**), Department of Science and Technology (**South Africa**), Ministry of Information Communications and Technology (**Swaziland**) and Tanzania Commission for Science and Technology (**Tanzania**).

# Examples from Horizon 2020

## **ARISE2 - Atmospheric dynamics Research InfraStructure in Europe**

- **RIA: EU contribution of €3 million**
- **Led by Commissariat à l' Energie Atomique et aux Energies Alternatives (France)**
- **23 partners, including 1 SADC: University of Antananarivo (Madagascar).**



# Examples from Horizon 2020

**EWIT – Developing an e-waste implementation toolkit to support the recycling and the secondary raw material recovery strategies in metropolitan areas in Africa.**

- **CSA: EU contribution of €1.6 million**
- **Led by Consorzio Remedia (Italy)**
- **24 partners**, including **5 SADC**: E-Waste Association of South Africa (**SA**), Pikitup Johannesburg (**SA**), Council for Scientific and Industrial Research (**SA**) and MINTEK (**SA**), Choma Municipal Council (**Zambia**).

# Examples from Horizon 2020

## **RINEA: Research and Innovation Support for Europe and Africa**

- **CSA: EU Contribution of €2 million**
- **Led by Deutsches Zentrum fuer Luft - Und Raumfahrt Ev (Germany)**
- **13 partners**, including **2 SADC: Ministry of Education (Namibia)** and **Department of Science and Technology (South Africa)**.

# Examples from FP7

## **CAAST-Net Plus - Advancing Sub-Saharan Africa-EU cooperation in research and innovation for global challenges.**

- **CSA-CA: EU Contribution of €4 million**
- **Led by the Association of Commonwealth Universities (United Kingdom)**
- **27 partners**, including **4 SADC**: Direction of Research, Ministry of National Education and Scientific Research - DR-MENRS (**Madagascar**), Ministry of Education, Science and Technology (**Malawi**), Department of Science and Technology (**South Africa**) and Research Research (Africa)(Pty) Ltd (**South Africa**).

# Examples from FP7

## **PREFACE - Enhancing prediction of tropical Atlantic climate and its impacts**

- **CP: EU Contribution of €9 million**
- **Led by Universitet i Bergen (Norway)**
- **30 partners**, including **3 SADC**: Instituto Nacional de Investigacao Pesqueira (**Angola**), Ministry of Fisheries and Marine Resources (**Namibia**) and University of Cape Town (**South Africa**).

# Examples from FP7

**NIDIAG - Syndromic approach to Neglected Infectious Diseases (NID) at primary health care level: an international collaboration on integrated diagnostic-treatment platforms**

- **CP-FP-SICA: EU Contribution of €5 million**
- **Led by Prins Leopold Instituut Voor Tropische Geneeskunde (Belgium)**
- **13 partners, including 1 SADC: Institut National de Recherche Biomedicale du Zaïre (Democratic Republic of the Congo).**

# Examples from FP7

## **MADE - Mitigating ADverse Ecological impacts of open ocean fisheries**

- **CP-FP: EU Contribution of €3 million**
- **Led by** Institut de Recherche pour le Développement (**France**)
- **13 partners**, including **1 SADC**: Seychelles Fishing Authority (**Seychelles**).

# Examples from FP7

## **APARET - African Programme for Advanced Research Epidemiology Training**

- **CSA-CA: EU Contribution of €2 million**
- **Led by Bernhard-Nocht-Institut Fuer Tropenmedizin (Germany)**
- **13 partners, including 2 SADC: University of Zimbabwe (Zimbabwe) and Muhimbili University of Health and Allied Sciences (Tanzania).**



**Thank you for your attention!**

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