Calls on int. cooperation in SC6
Dominik Klinkenberg – DLR PT
Societal Challenge 6

„Europe in a changing world: Inclusive, Innovative and Reflective Societies“

- Reducing inequalities, social exclusion and discrimination in Europe
- New forms of innovation and engagement of citizens
- Foster an innovative public sector
- Address issues of memories, identities, tolerance and cultural heritage
- Promote coherent and effective cooperation with third countries
From INCO in FP7 to INT in Horizon 2020

No specific INCO Programme in Horizon 2020

International Cooperation mainstreamed

Some dedicated INT actions within Societal Challenge 6
### Societal Challenge 6: Third country participation

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<td>Total number of topics</td>
<td>44</td>
<td>39</td>
<td>39</td>
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<td>15</td>
<td>22</td>
<td>7</td>
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<td>Share flagged (%)</td>
<td>34.09</td>
<td>56.41</td>
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Share flagged topics

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<td>20%</td>
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<td>30%</td>
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<td>40%</td>
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<td>50%</td>
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<td>60%</td>
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<td>70%</td>
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<tr>
<td>80%</td>
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<tr>
<td>90%</td>
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</table>

Net4Society
Work Programme 2014-2015: “Europe as a global actor”

- Europe's contribution to a value-based global order and its contestants
- The European Union's contribution to global development
- Rethinking the European Union crisis response mechanism
- European cultural and science diplomacy
- The cultural, scientific and social dimension of EU-LAC relations
• Strengthening the role of Europe as an global actor

• Improved coordination of member states’ foreign policies, creation of synergies

• Development of new methods and instruments regarding foreign policies on EU level (anticipatory and proactive)

• The role of historical and cultural remains and interrelations (e.g. through colonialization)

• Science diplomacy as part of successful foreign policy


- (...) EU’s neighbouring countries
- (...) on Asia-Pacific, Central Asia, and China
- (...) of Brazil, China and the USA
- (...) its former colonies and other countries and regions
Focus 2018 – 2020

- Future of labour / labour market
- Digital society
- New types of economy (e.g. intelligent specialisation, disruptive innovation)
- Radical ideologies
- Social divide
- New international geopolitical realities
Three calls in Societal Challenge 6 WP 2018-2019

- **Migration**
  - Refugees, integration, reforms of asylum systems, EU-migration policy, concerns of European citizens regarding migration and ‘refugee crisis’

- „**Socioeconomic and cultural transformations in the context of the 4th Industrial Revolution**“
  - Socio-economic and cultural effects caused by human-technology interaction, digitisation, impact of ICT on working environment, cultural heritage

- „**Governance for the Future**“
  - New developments on national, European and global government level, democracy, populism, EU-foreign policy
Migration

- **MIGRATION-01-2019: Understanding migration mobility patterns: elaborating mid and long-term migration scenarios (RIA)**
  Global perspective on the pattern, motivations and modalities of international migration flows

- **DT-MIGRATION-06-2019: Addressing the challenge of migrant integration through ICT-enabled solutions (IA)**
  Inclusion of EU Member States and Associated Countries

- **MIGRATION-07-2019: International protection of refugees in a comparative perspective (RIA)**
  International cooperation is encouraged, in particular with Canada, Brazil, South Africa and Jordan, as well as relevant international organizations
Governance for the future

- GOVERNANCE-01-2019: Trust in governance (RIA)
  May draw on experiences from outside Europe where relevant

- DT-GOVERNANCE-05-2019: New forms of delivering public goods and inclusive public services (RIA)
  Proposals shall include a minimum of six relevant national administrations in at least six different EU Member States or Associated Countries
SU-GOVERNANCE-10-2019: Drivers and contexts of violent extremism in the broader MENA region and the Balkans

Proposals shall include at least one participant from a country in the MENA region or the Balkans relevant to the specific challenge and scope of the topic.

GOVERNANCE-17-2019: Democratic crisis? Resolving socio-economic and political challenges to reinvigorate democracies

Different democratic traditions and pathways should be analysed.
Transformations

- DT-TRANSFORMATIONS-11-2019: Collaborative approaches to cultural heritage for social cohesion (RIA)

  Develop and apply collaborative tools in Europe and beyond
Sneak a peek into the future… WP 2020

- **Transformations, skills and globalisation**
  
  “participation of relevant partners from third countries, including developed, emerging and developing countries, is encouraged.”

- **Foreign and Security Policy**
  
  “Cooperation with partners from third countries is encouraged in order to have comparative perspectives”

- **Inclusive and innovative practices for the integration of post 2015 migrants in local communities**
  
  “cooperating with scholars from Africa and the Middle East (…), as well as with Canada”
## Applicant organizations in Societal Challenge 6

<table>
<thead>
<tr>
<th>Applicant organizations in Societal Challenge 6</th>
<th>All topics</th>
<th>Share (%)</th>
<th>“Flagged” topics</th>
<th>Share (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total</strong></td>
<td>12 010</td>
<td></td>
<td>2 142</td>
<td></td>
</tr>
<tr>
<td><strong>Member states</strong></td>
<td>9 935</td>
<td>82.7</td>
<td>976</td>
<td>45.6</td>
</tr>
<tr>
<td><strong>Associated countries</strong></td>
<td>1 121</td>
<td>9.4</td>
<td>372</td>
<td>17.4</td>
</tr>
<tr>
<td><strong>Third countries</strong></td>
<td>954</td>
<td>7.9</td>
<td>794</td>
<td>37.1</td>
</tr>
</tbody>
</table>
Member states
Associated countries
Third countries
Applicant organizations countries from third countries in SC6
COOPERATION BETWEEN BRAZIL AND THE EU
Social Sciences and Humanities
Research & Innovation Bilateral Agreements between the EU and Brazil

**Science and Technology Cooperation Agreement between the European Community and Brazil**
- Signed in 2004, active since August 2007 and renewed until 2022
- Last meeting: Brussels (November 29th 2017)
- The next EU-Brazil Joint Steering Committee Meeting on Science and Technology Cooperation will take place in Brasilia on 30 April

**Cooperation Agreement between the European Community of Atomic Energy (EURATOM) and Brazil in the area of Fusion Energy Research**
- Signed in 2009, active since January 2013 and renewed until 2023
- Last meeting: Culham/United Kingdom (September 2015)

**MCTIC-JRC CE Cooperation Arrangement aimed at scientific activities areas of common interest**
- Signed and active since January 2013 and renewed until 2023
- Last videoconference in May 2018

**Areas of common interest:**
- Disaster prevention and crisis management; climate change and sustainable management of natural resources and ecosystem services; energy (including bioenergy and smart grids); food security, bio-economy; ICT; nanotechnologies.

Meetings of the above three bilateral committees are scheduled to take place in 2019.
European Union Calls of Interest to Brazil

**Climate Change and Energy:**
- Urban mobility and sustainable electrification in large urban areas in developing and emerging economies  
  **Deadline:** 04/25/2019 (LC-GV-05-2019)
- Aviation operations impact on climate change  
  **Deadline:** 04/25/2019 (LC-MG-1-6-2019)

**Transport:**
- Ship emission control scenarios, marine environmental impact and mitigation  
  **Deadline:** 04/25/2019 (MG-BG-02-2019)

**Health:**
- EIC Horizon Prize for 'Early Warning for Epidemics’  
  **Deadline:** 09/01/2020 (Epidemics-EICPrize-2020)
<table>
<thead>
<tr>
<th>Category</th>
<th>Brazil</th>
<th>H2020</th>
<th>FP7</th>
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<tbody>
<tr>
<td>Total number of BR participations</td>
<td>162</td>
<td>411</td>
<td></td>
</tr>
<tr>
<td>Total number of grants with BR participants</td>
<td>104</td>
<td>291</td>
<td></td>
</tr>
<tr>
<td>Total EU contribution to BR participants (Million euros)</td>
<td>9.7</td>
<td>42.9</td>
<td></td>
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<tr>
<td>Total non-EU budget of BR beneficiaries (Million euros)</td>
<td>9.4</td>
<td>13</td>
<td></td>
</tr>
<tr>
<td>Collaborative actions* : No. of BR participations</td>
<td>82</td>
<td>223</td>
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<tr>
<td>Collaborative actions* : No. of grants with BR participants</td>
<td>46</td>
<td>167</td>
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<tr>
<td>Collaborative actions* : EU contribution to grants with BR participants (Million euros)</td>
<td>240,2</td>
<td>553,9</td>
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<tr>
<td>Collaborative actions* : EU contribution to BR participants (Million euros)</td>
<td>8,7</td>
<td>31,7</td>
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<tr>
<td>Collaborative actions* : non-EU budget of BR beneficiaries (Million euros)</td>
<td>9,4</td>
<td>13</td>
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<tr>
<td>Collaborative actions* : Success rates of proposals with BR participants</td>
<td>22.1%</td>
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<tr>
<td>Marie Sklodowska-Curie actions: Number of BR participations (incl. as partners)</td>
<td>78</td>
<td>187</td>
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<td>Marie Sklodowska-Curie actions: EU contribution to BR beneficiaries (Million euros)</td>
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<td>11,2</td>
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<tr>
<td>Marie Sklodowska-Curie actions: non-EU budget of BR beneficiaries (Million euros)</td>
<td>0</td>
<td></td>
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<tr>
<td>Marie Sklodowska-Curie actions: Number of researchers of BR nationality</td>
<td>247</td>
<td>1470</td>
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<tr>
<td>ERC grants: Number of BR participations</td>
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<td>1</td>
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<td>ERC grants: EU contribution to BR participants (Million euros)</td>
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<td>ERC grants: Number of grantees of BR nationality</td>
<td>5</td>
<td>2</td>
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Note: Any discrepancies that might appear with respect to other data sources are mainly due to: (i) The above data on participations do not include only beneficiaries, but also third parties & partner organizations. (ii) Dates of data extraction might be different.
### Brazilian participation

**Calls in Social Sciences or related**

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<tr>
<th>CSA</th>
<th>Societies</th>
<th>Grants/Consortia</th>
<th>MSCA</th>
<th>Societies</th>
<th>Grants/Consortia</th>
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<td></td>
<td>H2020-SC6-ENG-GLOBALY-2016-1</td>
<td>Consortium: 1</td>
<td>€ 3,0 M</td>
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<td>H2020-INT-INCO-2015</td>
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<td>H2020-SwafS-2016-1</td>
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</tbody>
</table>

28 agreements with 31 Brazilian partners, € 49,2 Million of Grants to all the participants and € 1,93 Million of Grants to Brazilian partners
Projects with Brazilian participation

- **Amount of grants destined to Brazil**
  - € 0.5 M
  - € 0.5 M

- **Projects with Brazilian participation**
  - € 1.4 M
  - € 7.3 M
  - € 0.5 M
  - € 0.5 M
Projects with Brazilian participation
Calls in Social Sciences or related

Year | Number of Projects | Amount of grants destined to Brazil
--- | --- | ---
2014 | 4 | 0
2015 | 4 | 0
2016 | 8 | €1.89 M
2017 | 1 | €0.03 M
2018 | 1 | 0
Brazilian participation in EU projects by federal unit

Projects in Social Sciences or related:

- Brazil: €0.14
- PB: €0.14
- SE: €0.3
- BA: €0.59
- RJ: €0.77
- SC: €0.1
- RS: €0.14
- PE: €0.14
- MG: €0.2
- GO: €0.1
- ES: €0.1
- SP: €3.7

Projects in all fields:

- Brazil: €0.4
- PB: €0.4
- PE: €0.06
- BA: €0.3
- SE: €0.14
- RS: €0.06
- AM: €1.4
- AL: €1.3
- MG: €0.2
- GO: €2.13
- RJ: €1.3
- SC: €0.1
- SP: €1.1

In million Euros
Horizon Europe Pillars

**Pillar 1**
Open Science
- European Research Council
- Marie Skłodowska-Curie Actions
- Research Infrastructures

**Pillar 2**
Global Challenges and Industrial Competitiveness
- Health
- Inclusive and Secure Society
- Digital and Industry
- Climate, Energy and Mobility
- Food and natural resources
- Joint Research Centre

**Pillar 3**
Open Innovation
- European Innovation Council
- European innovation ecosystems
- European Institute of Innovation and Technology

**Strengthening the European Research Area**
- Sharing excellence
- Reforming and Enhancing the European R&I system
Brazil’s areas of interest
Pillar 2: Global Challenges and Industrial Competitiveness

- **HEALTH**
  - Infectious diseases

- **FOOD AND NATURAL RESOURCES**
  - Sustainability
  - Circular economy

- **DIGITAL AND INDUSTRY**
  - Big data
  - Sustainability
  - Innovation

- **CLIMATE, ENERGY AND MOBILITY**
  - Smart cities
  - Urban mobility
  - Climate change

- **INCLUSIVE AND SECURE SOCIETIES**
  - Cultural heritage
  - Migration
  - Human rights
  - Inequality
THANK YOU