

Panorama das oportunidades de financiamento na área da adaptação e serviços climáticos

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Conferência “Convenção Quadro das Nações Unidas sobre as Alterações Climáticas – da COP 21 (Paris, 2015) à COP 22 (Marrakech, 2016)”

Assembleia da República, 25 de outubro de 2017

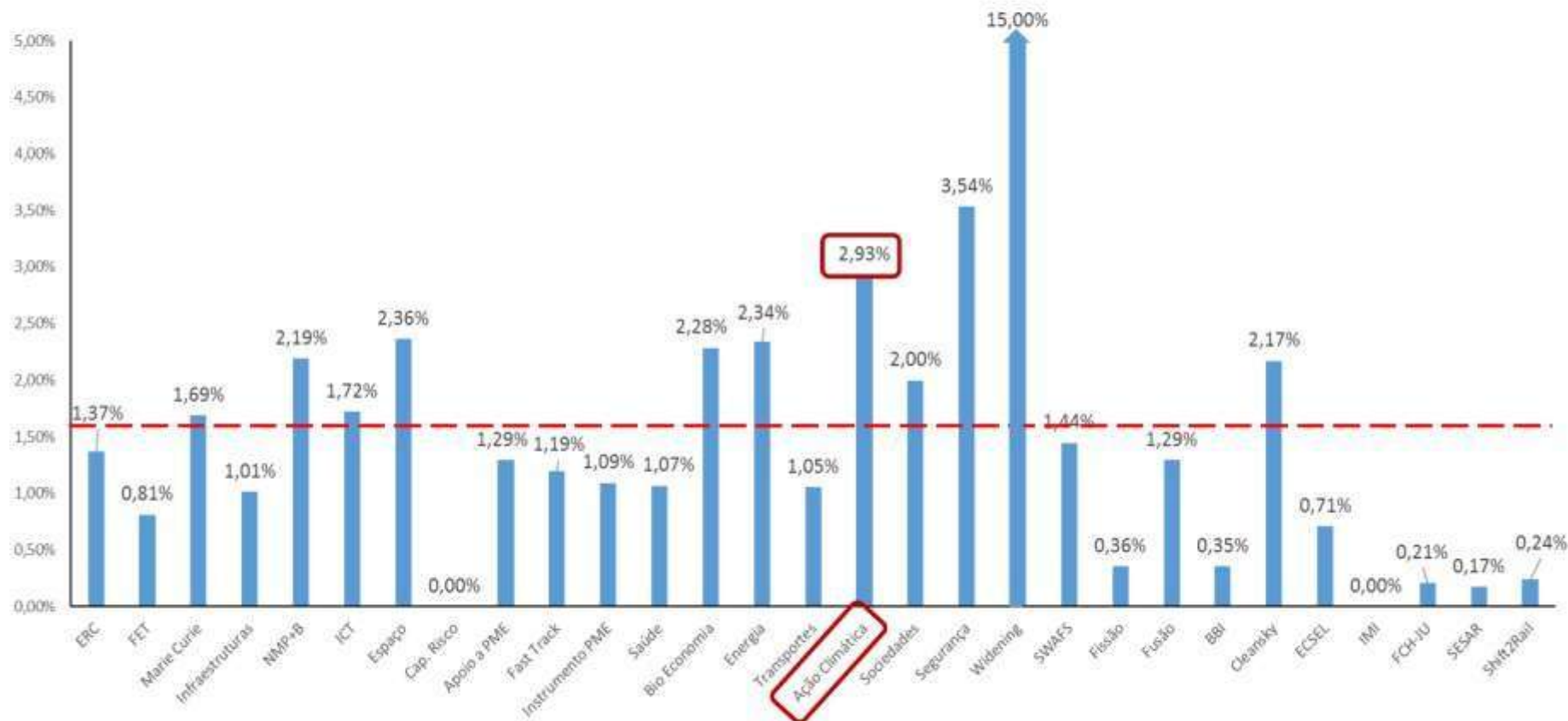
Oportunidades de financiamento

- União Europeia**
- Serviços Climáticos**
- Eventos meteorológicos e climáticos extremos**

Horizonte 2020 >> Participação nacional no concurso 2014 – 2015 - 2016 (apenas com resultados apurados para alguns temas)

- Propostas submetidas por PT: 5701
- Projetos financiados com PT: 750
- Projetos coordenados por PT: 194
- Orçamento PT: **337,15 M€ → 1,66%**
- **Taxa sucesso PT: 13,2% (UE – 13,4%)**

Horizonte 2020 >> Participação nacional no concurso 2014 – 2015 - 2016 (apenas com resultados apurados para alguns temas)



Participação Nacional – DS Ação Climática 2014-2015-2016 (*single-stage*)

- Propostas: 173
 - Projetos aprovados: **47**
 - **Projetos coordenados: 3**
 - **BINGO → LNEC**
 - **NextGEOSS → DEIMOS**
 - **ERA-MIN2 → FCT**
 - Financiamento: **21,9 M€ (2,9%)**
 - **Taxa sucesso PT: 27,2% (UE – 20,4%)**
- PLACARD → FCUL**

Projetos financiados ao nível EUROPEU no concurso 2014, 2015 e 2016 (*one-stage*) do Desafio Societal Ação Climática

- sumário do projeto
- consórcio



http://www.gppq.pt/h2020/docs/brochuras/env/research_and_innovation_sc5_projects_2014-2016.pdf

Programa de Trabalhos 2016-2017 – tópicos 2017



Greening the Economy
call H2020-SC5-2016/2017

**7 de março
2017**

375,6 M€



**Calls Industry 2020 in the
Circular Economy**
Circular Economy



Call Smart and Sustainable Cities
*Sustainable Cities through Nature Based
Solutions*

Tópicos de I&I a concurso em 2017

Programação Estratégica 2018-2020



Climate Action, Environment, Resource Efficiency and Raw Materials - Work Programme 2018-2020 preparation

Programação Estratégica 2018-2020

Advisory Group report (jun2016) – identificar prioridades estratégicas futuras de I&I



Strategic Priorities

- ***Climate Action after COP21***
- ***Circular Economy***
- ***Resilient and innovative cities and rural areas***
- ***The water-food-and energy nexus***
- ***Enabling systemic transformation***



European Network of **34 institutions** from **23 countries**
committed to fund and share knowledge on Climate
Adaptation research.

Project Name (FP7): Climate Impact Research
& Response Coordination for a Larger Europe

EU Financial Contribution: € 2 million

Duration: 48 months (01.05.2010 -
30.04.2014)

Coordination: FFCUL, Portugal

EU Project Officer: Wolfram Schrimpf, DG
RTD



Participants:

Research 'owners' (typically ministries or regional authorities)

Research 'managers' (typically research councils or other agencies)

Partners



20 Partners



14 Contributing Partners

Contributing Partners





Connecting Climate Knowledge for Europe

The Joint Programming Initiative "Connecting Climate Knowledge for Europe" (JPI Climate) is a pan-European intergovernmental initiative gathering **European countries** to jointly coordinate climate research and fund new transnational research initiatives that provide useful climate knowledge and services for post-COP21 Climate Action.

JPI Climate connects scientific disciplines, enables cross-border research and increases the science-practice interaction. JPI Climate contributes to the overall objective of developing a **European Research Area** and to underpin the European efforts in tackling the societal challenge of climate change.

About JPI Climate

Strategy JPI Climate

Activities JPI Climate

News

- Results of the first step of the ERA4CS Joint Call**

The 2 topics of the call closed on 30 June and 15 July. In total, 66 pre-proposals have been submitted and they will be now evaluated. Successful submissions will be invited soon for the second step.

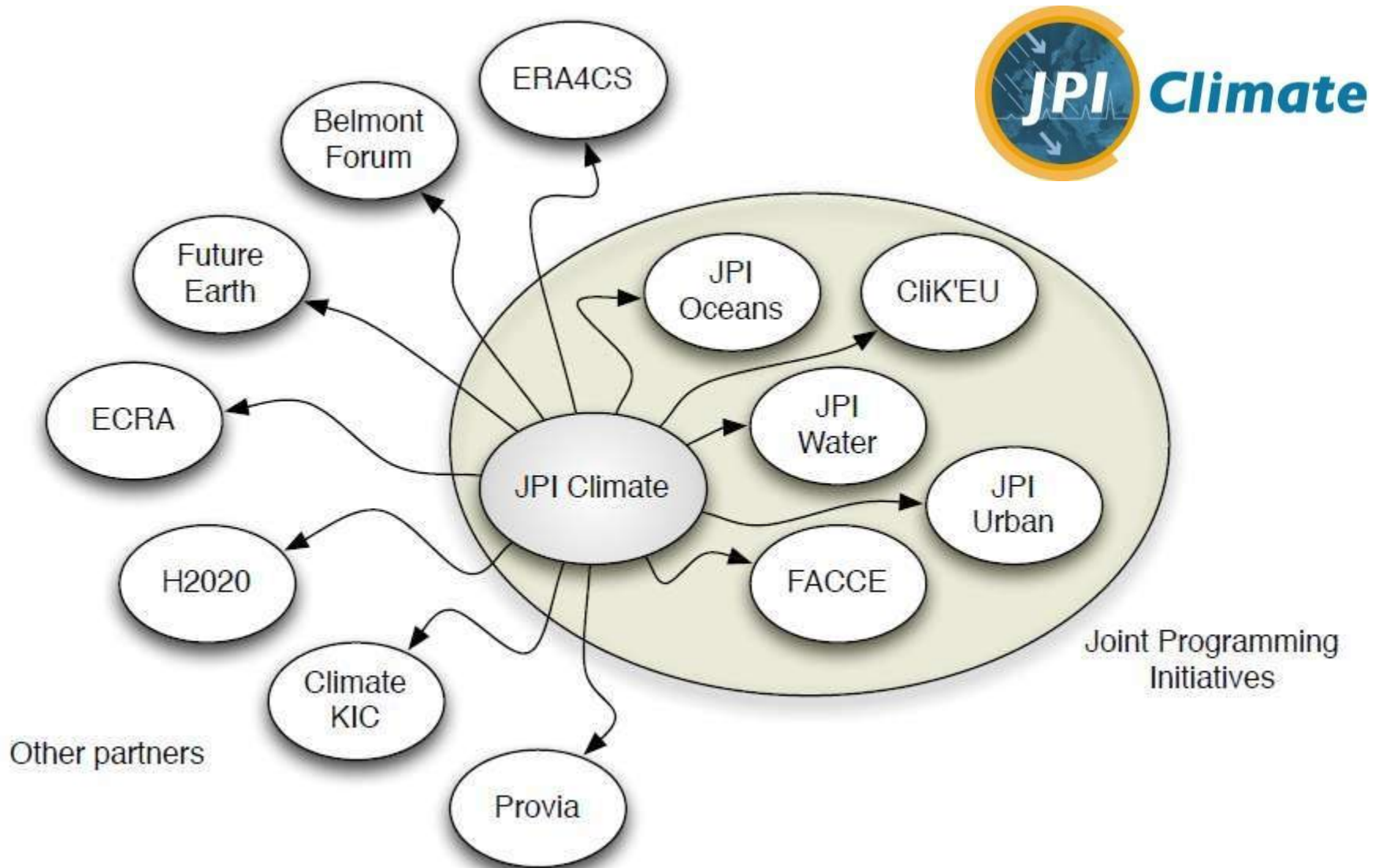
JPI Climate Central Secretariat, Tuesday 30 August 2016

- Join the ERA4CS network of climate**

Upcoming Events

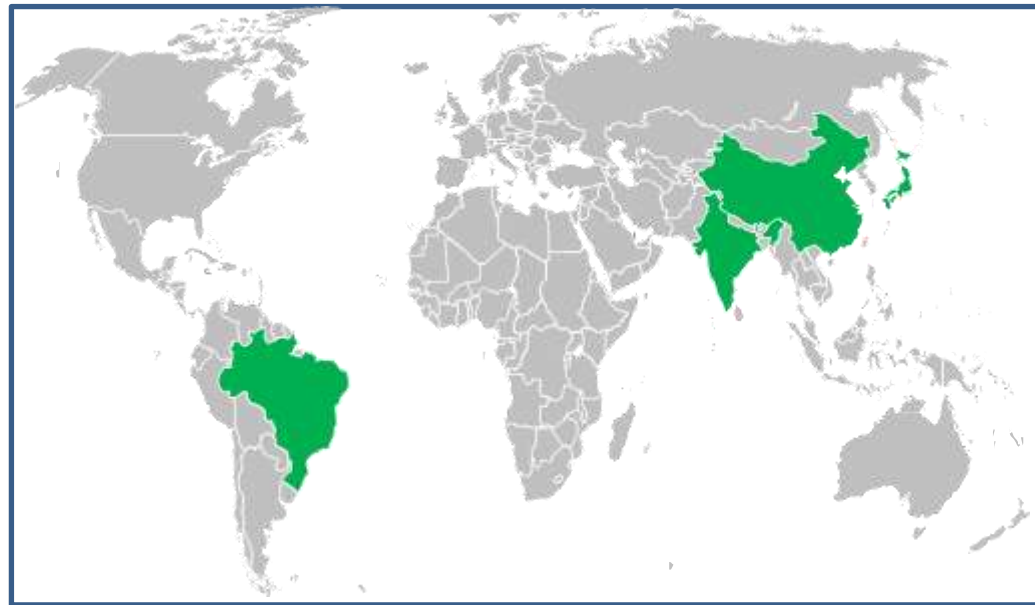
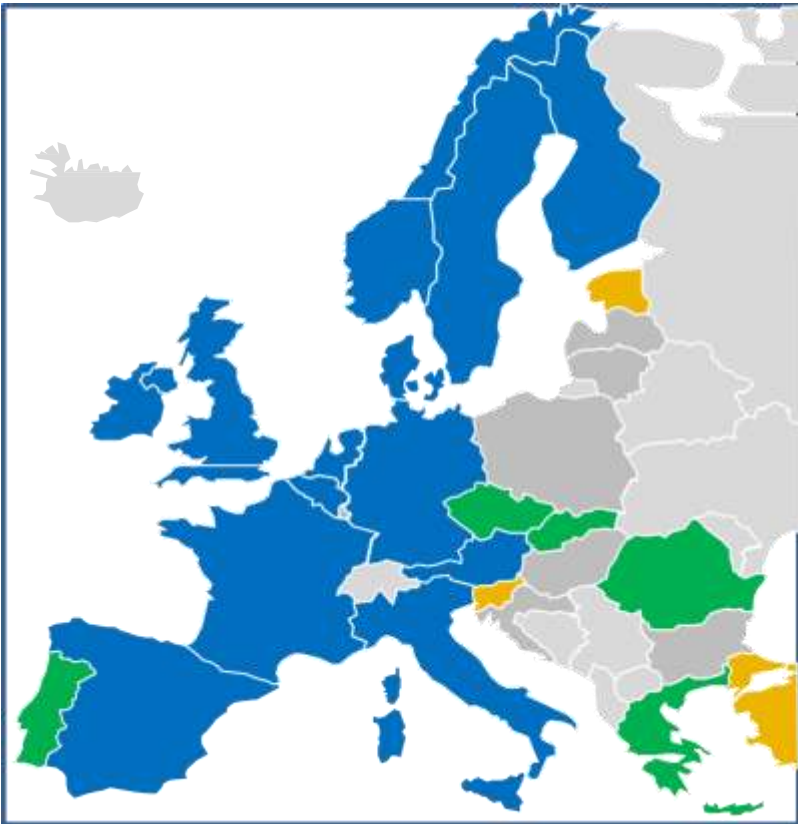
- Annual Joint Programming Conference**
JPI Climate Central Secretariat
- ERA4CS General Assembly - BY INVITATION ONLY**
JPI Climate Central Secretariat
- 12th Governing Board meeting - BY INVITATION ONLY**
JPI Climate Central Secretariat
- Climateurope Festival**

Interfacing with others JPIs & European



Opening to EU28 and to the World, beyond EU

Full members
Associated members
Joint activities



WHAT ARE CLIMATE SERVICES?

ERA4CS uses the concept in a broad sense, namely user-driven development, translation and transfer of climate knowledge, including knowledge for understanding the climate, climate change and its impacts, as well as guidance in its use to researchers and decision-makers in policy and business.



Subscribe to our newsletter

<http://www.jpi-climate.eu/ERA4CS/subscribe>

Title: European Research Area for Climate Services
Acronym: ERA4CS
Starting date: 01/01/2016
Duration: 5 years
Grant reference: 699462

ERA4CS Coordinator: Dr. Patrick Monfray
Agence Nationale de la Recherche (ANR) - France



ERA4CS is an initiative from JPI Climate

Co-funded by the European Union



European Research Area
for Climate Services

TOWARDS USABLE CLIMATE KNOWLEDGE FOR SOCIETY

WWW.ERA4CS.EU



Projects by theme

- [Nature, Biodiversity](#)
- [Environment](#)
- [Climate Action](#)
- [Info, Governance](#)

Projects search

- [Project database](#)
- [Project publications](#)

More

- [Best projects](#)



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LIFE (2014-2020)

The LIFE (the Financial Instrument for the Environment and Climate Action) Regulation, which was published on 20 December 2013, sets a budget for the funding period 2014–2020 of €3.4 billion in current prices. [View the LIFE Regulation](#)

2016 Call for proposals for LIFE Grants under both sub-programmes (for Environment and for Climate Action)

19 May 2016 2016 Call for proposals for LIFE Grants under both sub-programmes (for Environment and for Climate Action) – was launched on 19 May 2015.

The Commission invites legal persons (entities) registered in the European Union (EU) to present proposals for the 2016 Call for proposals for LIFE Action Grants. The call covers proposals for both LIFE sub-programmes.

→ [LIFE 2016 Call](#)

→ [LIFE 2015 Call](#)

→ [LIFE 2014 Call](#)

→ [NGOs](#)

→ [LIFE financial instruments](#)

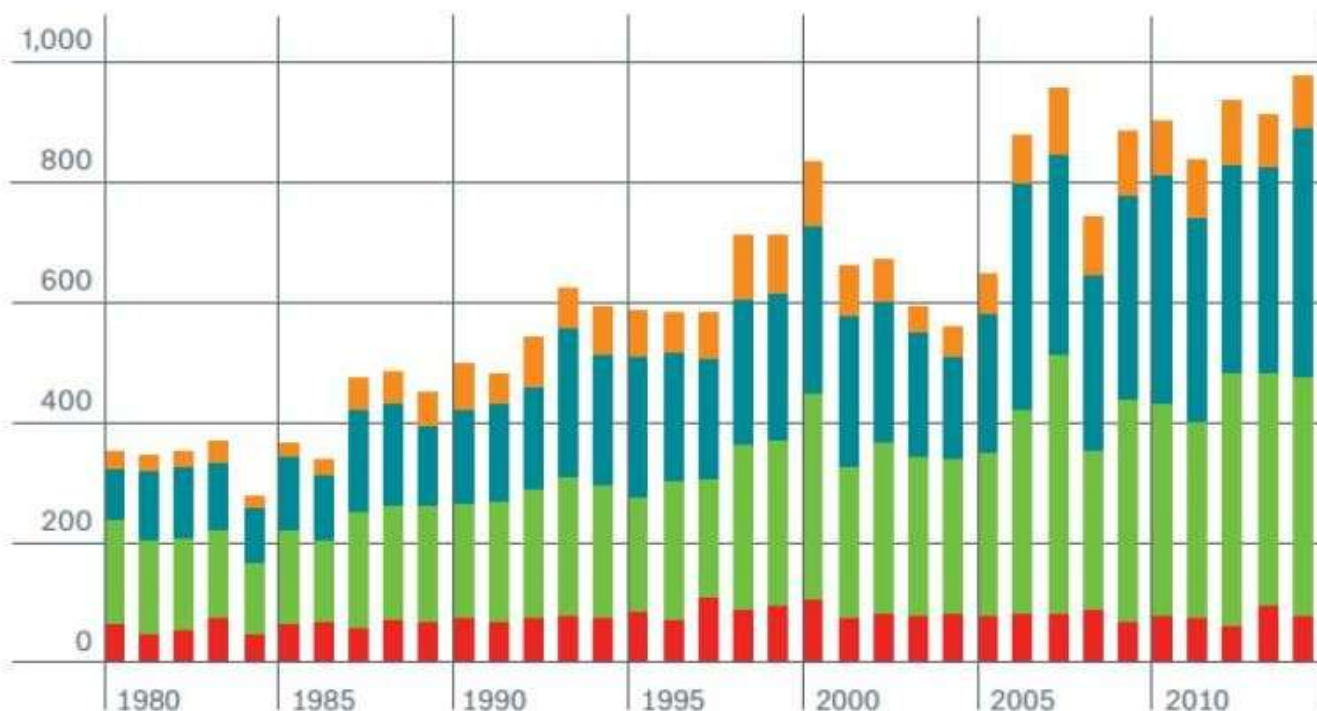
Partner search



Número de eventos meteorológicos e climáticos extremos em que houve perdas humanas e/ou materiais – 1980-2014



Number of loss events 1980-2014



Geophysical events
(earthquake, tsunami,
volcanic activity)

Meteorological events
(tropical storm, extratropical
storm, convective storm,
local storm)

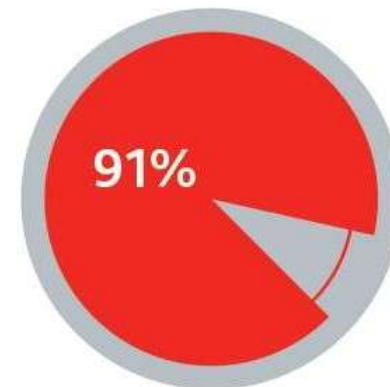
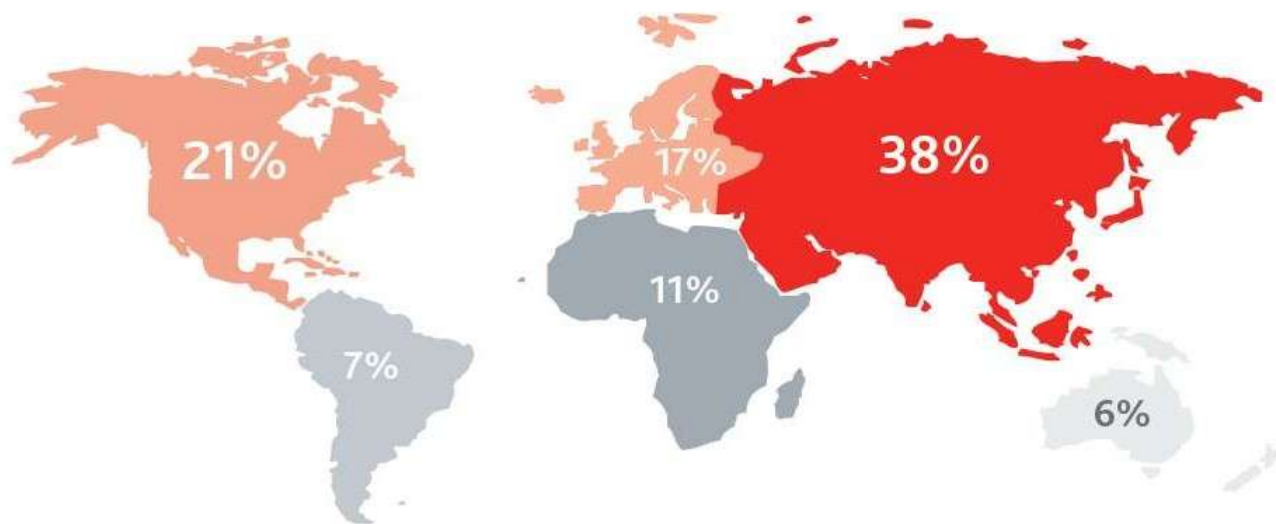
Hydrological events
(flood, mass movement)

Climatological events
(extreme temperatures,
drought, wildfire)

Source: Munich Re
NatCatSERVICE

Eventos
relacionados com
o clima

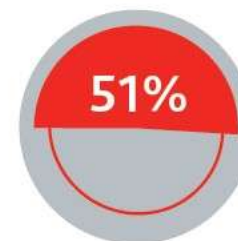
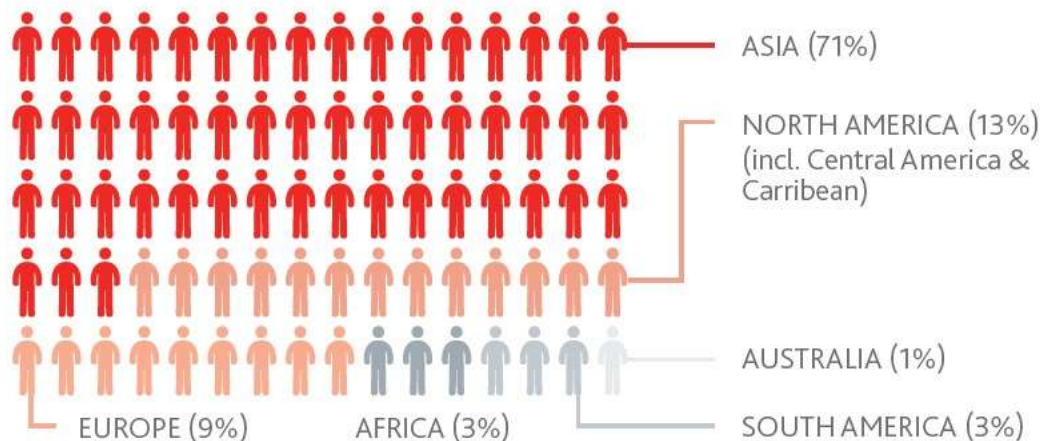
--- A) 15,700 RELEVANT GLOBAL LOSS EVENTS WERE RECORDED ---



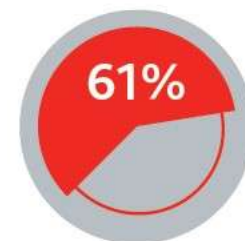
91% OF RELEVANT LOSS EVENTS WERE WEATHER-RELATED EXTREMES



--- B) RELEVANT LOSS EVENTS CAUSED 1.7M DEATHS ---



51% WERE CAUSED BY WEATHER-RELATED EXTREMES



61% TOOK PLACE IN LOW-INCOME COUNTRIES

Source: The Geneva Association

2015

SENDAI FRAMEWORK

The Sendai Framework for Disaster Risk Reduction (2015-2030)

- 4 priorities for action
- 7 measurable targets

COP21

Paris Agreement

SDG 2015-2030

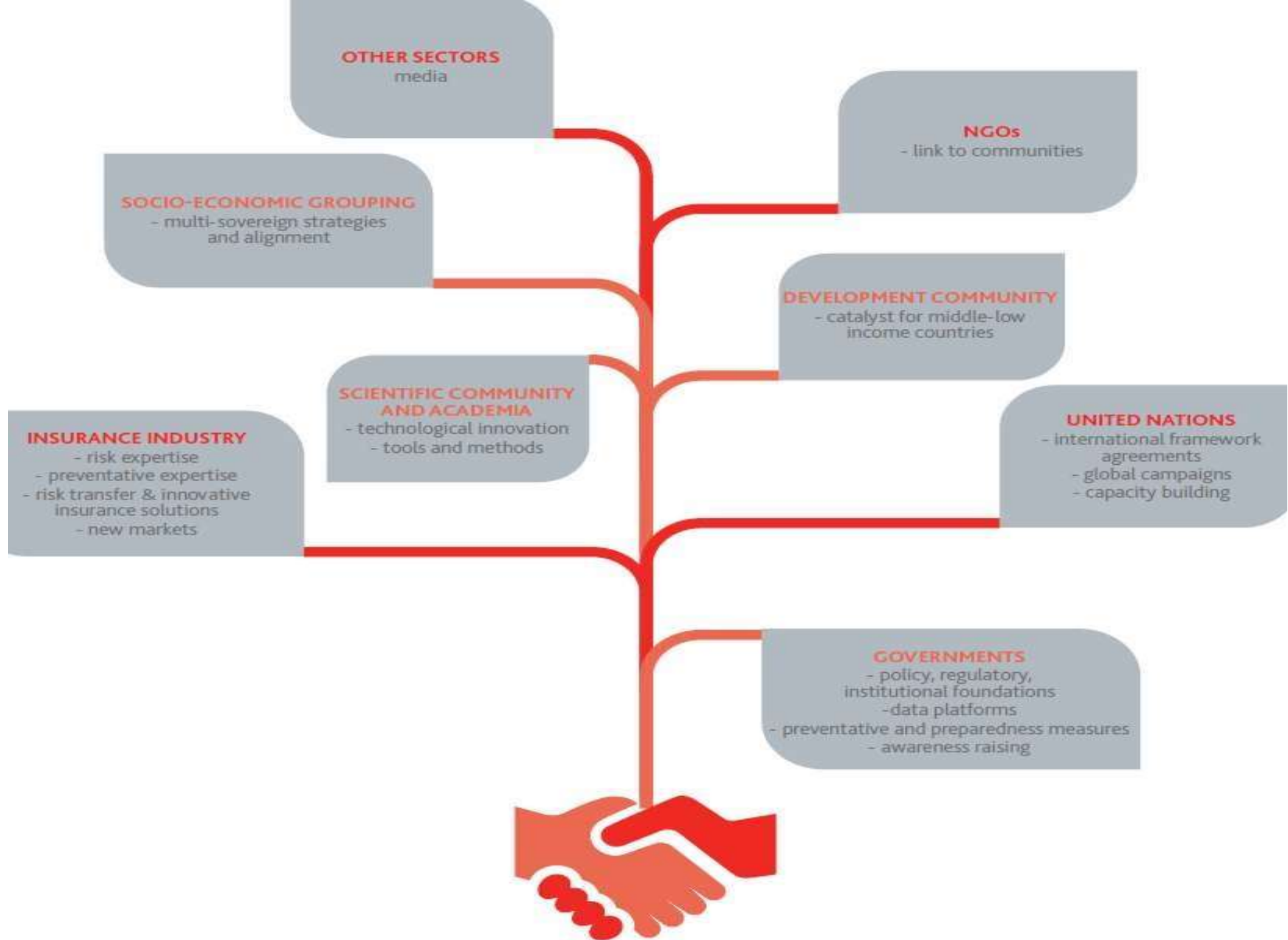
United Nations
Sustainable Development
Goals 2015-2030

Goal 17: Strengthen the means of implementation and revitalize the Global Partnership for Sustainable Development

Achieving the ambitious targets of the 2030 Agenda requires a revitalized and enhanced global partnership that brings together Governments, civil society, the private sector, the United Nations system and other actors, mobilizing all available resources. Meeting implementation targets, including the raising of necessary funds, is key to realizing the Agenda, as is the full implementation of the Addis Ababa Action Agenda. Increasing support to developing countries, in particular the least developed countries, landlocked developing countries and small island developing States, is fundamental to equitable progress for all.

Principal conclusão dos três Acordos Internacionais relativamente aos desastres naturais e em especial aos relacionados com o clima cuja frequência e intensidade estão a aumentar

Governments, the insurance industry and other stakeholders need to leverage their strengths and initiatives to address the resilience challenge



EFFECTIVE PUBLIC-PRIVATE PARTNERSHIPS ARE AT THE CENTRE OF DEVELOPING EFFECTIVE AND SUSTAINABLE RISK TRANSFER AND INSURANCE PROGRAMMES



Flood Risk and Vulnerability In Climate Change Scenarios

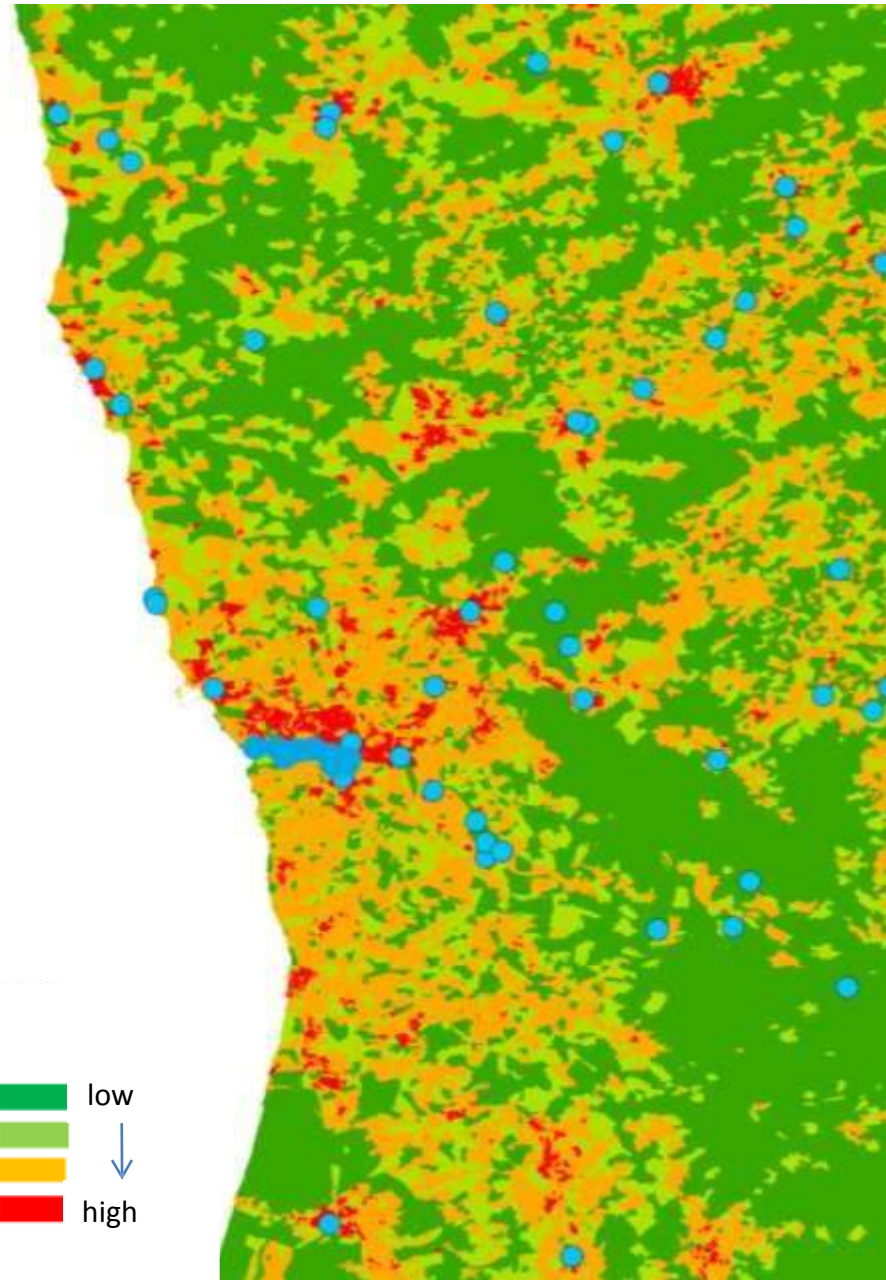
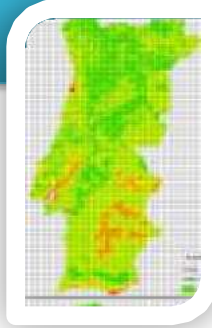
27th February 2014

www.siam.fc.ul.pt/cirac

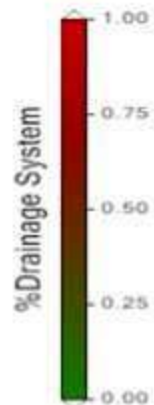
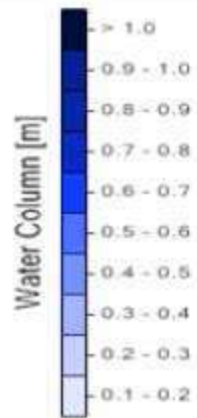
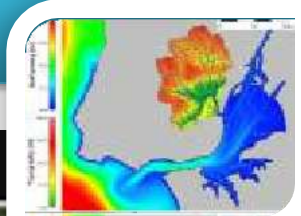
<http://siam.fc.ul.pt/cirac/>



Flood Vulnerability Index in the north of Portugal



● Flood events database from the National Authority of Civil Protection and from a Master thesis (Quaresma 2009)



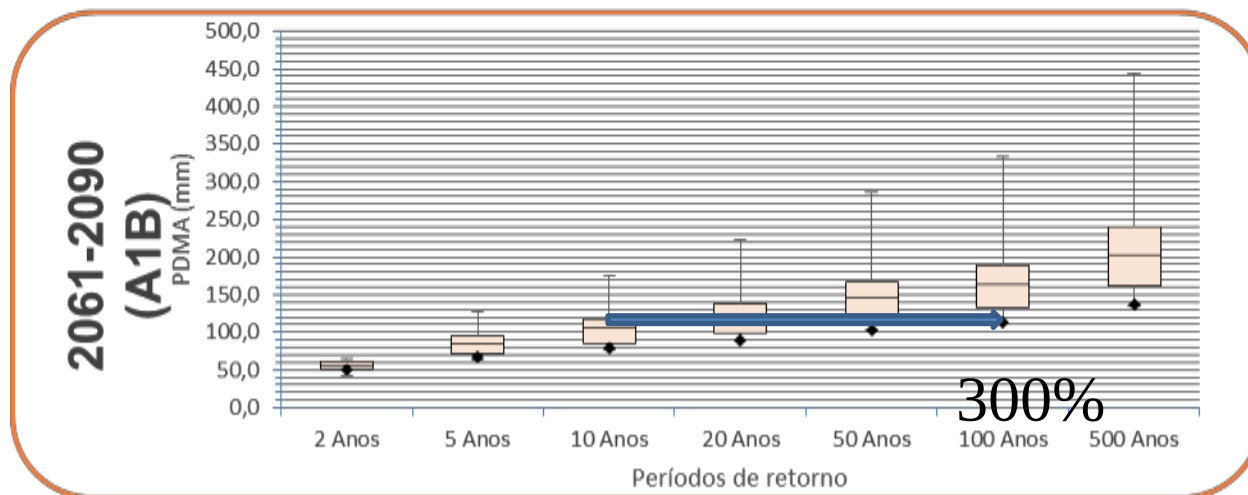
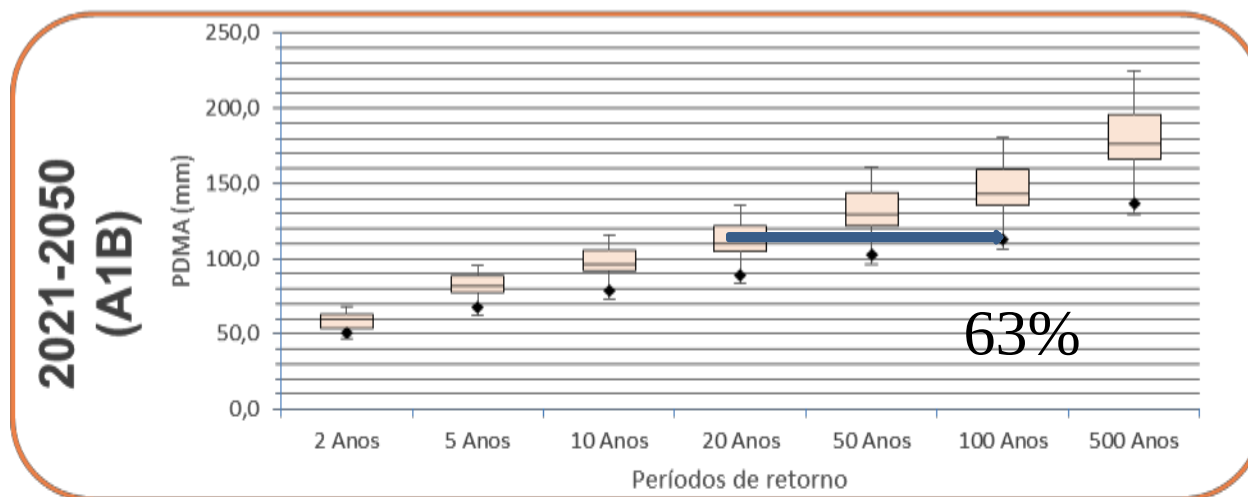
Lisbon (100 years flood)
Overland Flow and Drainage System

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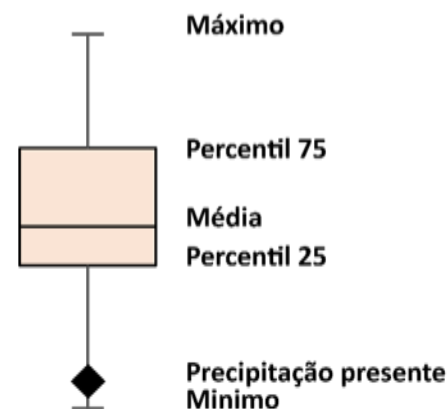
16-03-2012

As Alterações Climáticas as Inundações e a Cidade

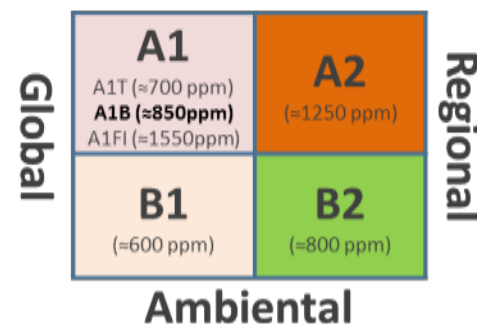
Contributos para o estudo da resiliência urbana em situações de chuva torrencial num período de 24h



12 Modelos



Economia



Luís Dias (2015) SFRH/BD/70435/2010

As Alterações Climáticas as Inundações e a Cidade

Contributos para o estudo da resiliência urbana em situações de chuva torrencial

