



EASME

Executive Agency for Small and Medium-sized Enterprises

**Successful implementation of Horizon 2020
research and innovation actions**

**Kick-off meeting - PRIMAVERA
26 Nov 2015/ Exeter (UK)**

Fabio DALAN



Content

1. *EASME*

2. *Horizon 2020 – priorities*

- **Societal challenges**
- **Standardisation**
- **Innovation**

3. *Expected impact*

- **Sinergies with other projects**

4. *Horizon 2020 – project implementation*

- **Open Access**
- **Communication**
- **Financial Issues**



EASME

Executive Agency for Small and Medium-sized Enterprises

The EASME manages programmes

Horizon 2020
SME Instrument

@H2020SME

€ 3.1 bn*

COSME the EU programme for
the Competitiveness of SMEs

Enterprise Europe
Network (EEN) @EEN_EU

€ 0.8 bn*

EU Sustainable
Energy Week
(EUSEW)

@euenergyweek

Horizon 2020 Innovation
in SMEs actions

€ 7 M*

Horizon 2020
Energy Efficiency

@H2020EE

€ 0.8 bn*

CIP Eco-innovation

LIFE the EU Programme for the
Environment and Climate Action

@LIFE_Programme

€ 2.3 bn*

Horizon 2020 Climate action,
resource efficiency and raw materials

@EU_ecoinno

€ 2.7 bn*

SILC II

€ 870,000*

Intelligent Energy Europe (IEE)

EMFF the European
Maritime and Fisheries Fund

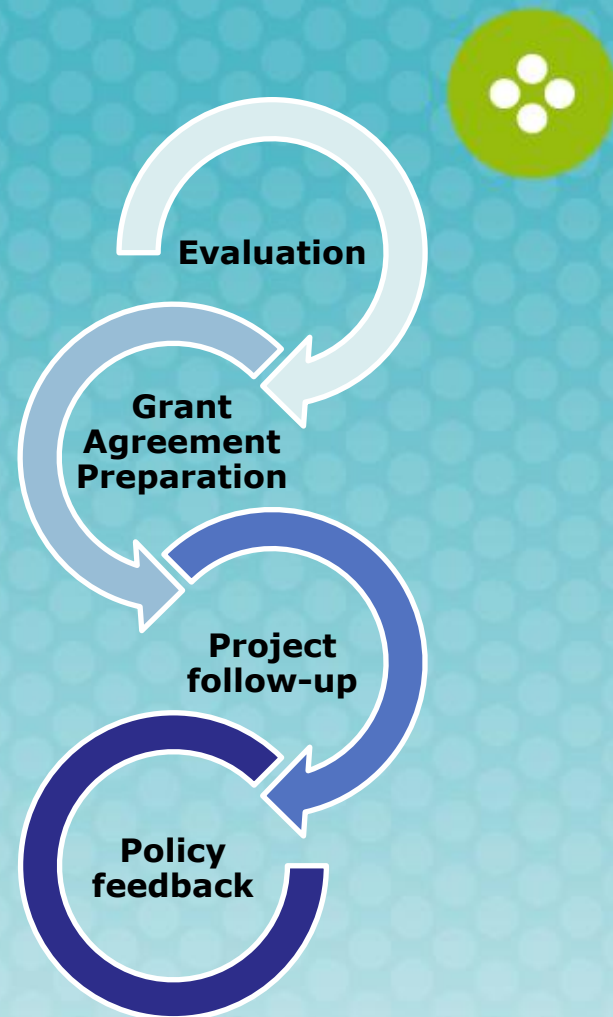
€ 0.3 BN*

Executive
Agency for
SMEs

<http://ec.europa.eu/easme>

EASME's role

- The EASME is in charge of Projects' implementation:
 - Evaluation of Proposals
 - Grant Agreement Preparation
 - Scientific/Technical and Financial monitoring of projects
 - Supporting exploitation and dissemination of project results
 - policy feedback





Working together

- Agency focus on programme implementation
- Allows DGs to concentrate on policy
- Regular exchange
 - Parent DGs define policy objectives in designing the programmes
 - Executive Agencies feed into the policy making process with project stories and results





H2020 - What's new

- *A **single programme** bringing together three separate programmes/initiatives*
- ***Simplified access**, for all companies, universities, institutes in all EU countries and beyond*
- *Coupling research to **innovation** – all forms of innovation*



H2020 - priorities

***Excellent
science***

Science sets
the agenda

Business sets
the agenda

***Industrial
leadership***

***Societal
challenges***

Society sets
the agenda

Innovation to meet the challenge



- *Excellence - Innovation potential*: the potential of a project to create useful novelties (knowledge/goods/services)
- *Impact - Innovation capacity*: capacity to deliver significant benefits for users
- *Implementation - Innovation management*: Identify and protect innovations

Exploitation

H2020 – Innovation

The successful exploitation of new ideas to produce **tangible benefits**, satisfying **needs** and **wants**



Invention IS NOT Innovation
Integration of users in the project is crucial



End-user engagement

Co-design & Co-creation

Responsible Research and Innovation

Societal actors work together to **align** research and results with the values, needs and expectations of society.

Public engagement

Iterative/participatory **multi-actor dialogues** to **co-create** research and innovation outcomes and policy agendas.

Trans-disciplinarity

Methodologies that **integrate scientific** disciplines, and non-academic **and non-formalized knowledge**.

Standards for innovation

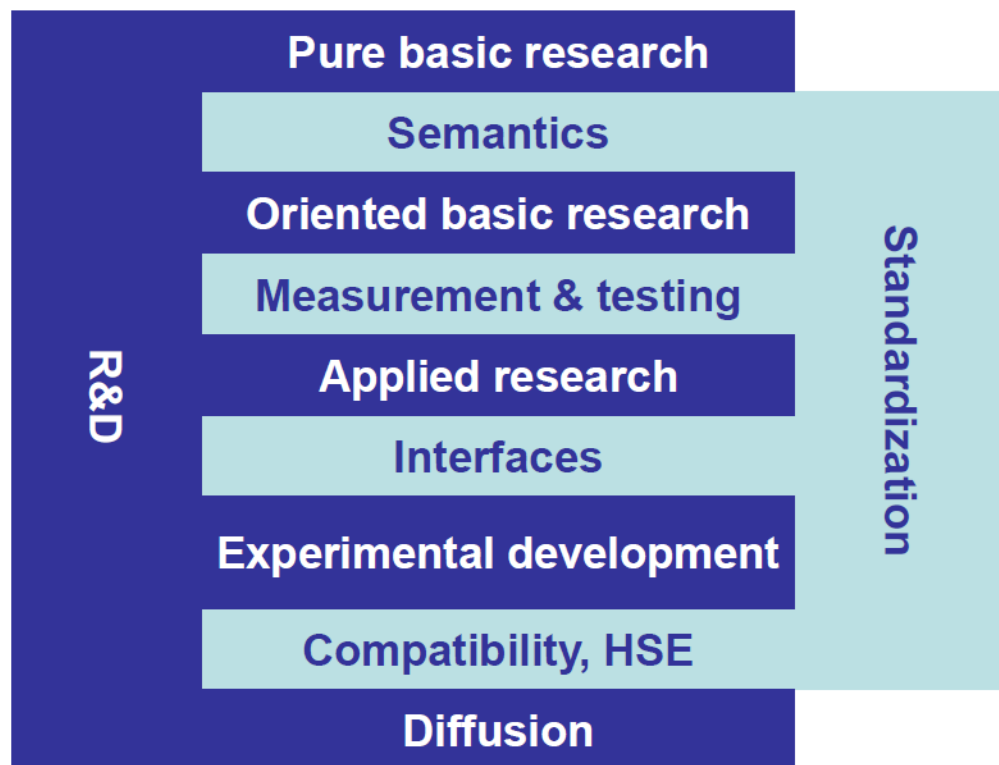
Produce greater economic growth than patents or licenses and **create “markets”**



Benefits:

- worldwide trade
- rationalization
- quality assurance
- security
- communication
- better procurement

(c) 2015 Open Geospatial Consortium



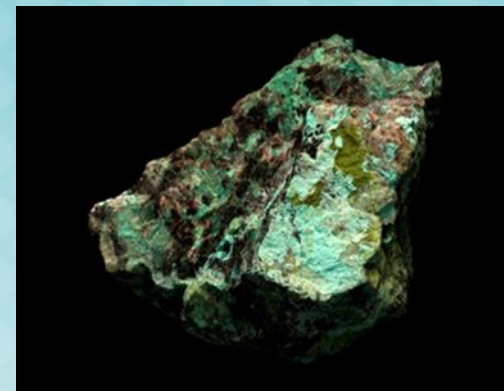
Source: Blind and Gauch 2009

Societal challenge 5

Climate Action, Environment, Resource Efficiency and Raw Materials



- Achieve a **resource efficient** and **climate change resilient** economy and society
- The protection and **sustainable management of natural resources** and ecosystems
- A sustainable supply and use of **raw materials**
- Developing comprehensive and sustained **global** environmental **observation** and information **systems**



Expected impact

- 1. Improved science** based foundation to better assess the impacts of climate variability and change at decadal to centennial time scales, **to support policies** and optimize **private decision-making**
- 2. Robust, credible and trustworthy** climate **predictions** and **projections** to make in the medium- and long-term European **business sectors more resilient** and competitive
- 3. Support the post-AR5 IPCC** process
- 4. Provide** a solid scientific basis for future science **cooperation** and policy actions at European and international level.



Maximizing Impact

- **High impact scientific publications**
EU contribution adequately acknowledged
- **Media presence**
Press releases, social media
- **Participate to events and conferences**
- **Share end-users' success stories**

More details on: <https://ec.europa.eu/easme/en/communication-toolkit>

Climate Services

Roadmap for Climate Services (2015) is a flagship Initiative in H2020 with a vision of enabling EU leadership on climate services



Challenges of the CS agenda

1. Enabling market growth
2. Building the market framework
3. Enhancing the quality and relevance of CS

- Strengthening the scientific base
- Information and end-use needs

Main activities	Specific actions
Challenge 1: Enabling market growth	
1.1 Assessing the future of climate services market	<ul style="list-style-type: none"> to Assessing the climate services market demand and supply to For stakeholders reach into services and access required
1.2 Growing the climate services market	<ul style="list-style-type: none"> to Enabling the public and private drivers of the market to Developing a framework for climate services market growth identifying relevant stakeholders and measures to promote market growth to Establishing the means of enhancing the awareness of and understanding climate services
1.3 Demonstrating the added value	<ul style="list-style-type: none"> to Developing a business case for the provision of climate services to Demonstrating climate services and their impact to Demonstrating the impact and full value of climate services on climate services and/or integrated into broader climate support services
Challenge 2: Building the market framework	
2.1 Consolidation and infrastructure to support and grow the climate services market	<ul style="list-style-type: none"> to Developing a viable climate services framework that integrates climate services providers, customers and researchers to Building and widening capacity for climate services development, provision and use to Consolidating data and information technology infrastructure required to develop, deliver and support access to climate services
2.2 Harmonising, quality assurance and control, access, interoperability aspects	<ul style="list-style-type: none"> to Developing a framework for climate services market growth identifying relevant stakeholders and measures to promote market growth to Consolidating data and information technology infrastructure required to develop, deliver and support access to climate services to Developing a framework for climate services market growth identifying relevant stakeholders and measures to promote market growth
2.3 International cooperation	<ul style="list-style-type: none"> to Consolidating data and information technology infrastructure required to develop, deliver and support access to climate services to Developing a framework for climate services market growth identifying relevant stakeholders and measures to promote market growth to Consolidating data and information technology infrastructure required to develop, deliver and support access to climate services
Challenge 3: Enhancing the quality and relevance of climate services	
3.1 Information framework in support of climate services	<ul style="list-style-type: none"> to Consolidating data and information technology infrastructure required to develop, deliver and support access to climate services to Developing a framework for climate services market growth identifying relevant stakeholders and measures to promote market growth to Consolidating data and information technology infrastructure required to develop, deliver and support access to climate services
3.2 Strengthening the scientific basis and relevance of climate services	<ul style="list-style-type: none"> to Consolidating data and information technology infrastructure required to develop, deliver and support access to climate services to Developing a framework for climate services market growth identifying relevant stakeholders and measures to promote market growth to Consolidating data and information technology infrastructure required to develop, deliver and support access to climate services
3.3 Climate information and end-users needs, innovation and products	<ul style="list-style-type: none"> to Consolidating data and information technology infrastructure required to develop, deliver and support access to climate services to Developing a framework for climate services market growth identifying relevant stakeholders and measures to promote market growth to Consolidating data and information technology infrastructure required to develop, deliver and support access to climate services



EU climate research environment

Ongoing FP7 projects
**SPEC, EUPORIAS,
NATCLIM (ECOMS)**

water2a-2014
Water cycle under
future climate
IMPRESX and BINGO

**Copernicus
ClimADAPT (EEA)
IPCC (COP21)
JPI Climate
GFCS, Climate KIC
Energy sector**

H2020
SC5-01-2014
**PRIMAVERA
CRESCENDO**

DRS9-2014
adaptation &
disaster resilience
**RESIN and EU-
CIRCLE**

Climate Services
EraNet 2015 -
ERA4CS
**SC5-2-2015 CSA
ECOMS2**

WATER-2b-2015
Land-water-energy-
climate nexus
**SIM4NEXUS and
MAGIC**

EU climate research environment





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Open access to scientific publications (GA Article 29.2)

Each beneficiary must ensure open access (free of charge, online access for any user) to **all peer-reviewed scientific publications** relating to its results

- Self-archiving: in online repository (depositing)
- Open access publishing



Open access to research data (GA Article 29.3)

- H2020 Open Research Data Pilot applies to 2 types of data:
 1. data and metadata needed to validate the results presented in scientific publications;
 2. other data as specified in the 'data management plan'
- data management plan (DMP): deliverable month 6
 1. What data will be collected/generated (methodology, standards)?
 2. How will data be handled?
 3. How will data be shared and made open?



Open access to research data (GA Article 29.3)

- Requirements in GA:
 1. deposit data in a research **data repository**
 2. take measures to make it possible for **third parties to access, mine, exploit, reproduce and disseminate** — free of charge for any user
 3. provide **information about tools and instruments** at the disposal of the beneficiaries and necessary for validating the results

Support: Guidelines on Data Management in Horizon 2020 on the Portal

http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/hi/oa_pilot/h2020-hi-oa-data-mgt_en.pdf

Communication

Obligation to promote projects (Art. 38.1.1)

- The **beneficiaries must promote the action and its results**, by providing **targeted** information to **multiple audiences** (including the media and the public) **in a strategic and effective manner**". [...]
- Before engaging in a communication activity expected to have a **major media impact**, the beneficiaries must inform the Agency (see Article 52).
- **Inform the Agency** about your communication activities, we can help you spread the word (e.g. @EU_ecoinno)

Guidance for project participants

http://ec.europa.eu/research/participants/data/ref/h2020/other/gm/h2020-guide-comm_en.pdf



Communication

acknowledgement of EU funding (Art. 38.1.2)

➤ Use EU emblem

High-resolution emblems are available here:
<http://europa.eu/about-eu/basic-information/symbols/flag/>



➤ Use text as indicated in GA

"This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No [number]."



Other articles of the Grant Agreement (GA)

to be highlighted

- ARTICLE 23 ff — MANAGEMENT OF INTELLECTUAL PROPERTY
- ARTICLE 32 — RECRUITMENT AND WORKING CONDITIONS FOR RESEARCHERS
- ARTICLE 33 — GENDER EQUALITY
- ARTICLE 39 — PROCESSING OF PERSONAL DATA

Reporting (GA article 20)

Periodic and final reports
Including payment requests

- RP1: month 1 - **12**
- RP2: month 13 - **30**
- RP3: month 31 - **48**
- Final report: month **48**

Report submitted within 60
days from the end of the
reporting period

Start of project

01/11/2015



End of 1st reporting period

31/10/2016

End of 2nd reporting period

30/04/2018

Submission of reports within max. 60
days



End of 3rd reporting period

31/10/2019

Submission of reports within max. 60
days

Periodic reporting

Periodic Technical Report

- ✓ overview of the progress towards the objectives and milestones of the action
- ✓ **explanation of the work carried out (in each WP, per beneficiary)**
- ✓ Update plan for **exploitation, dissemination and data management**
- ✓ Follow up on recommendations from previous reviews

Periodic Financial Report

- ✓ **use of the resources and**
- ✓ Financial Statement (individual & summary)

Continuous reporting

- Deliverables as listed in Annex 1 (GA Art. 19)
- Use Deliverables template provided

TEMPLATE

SyGMA

System for Grant Management

Project Continuous Report

Project 642147 (CD-LINKS)

Call: H2020-SC5-2014-two-stage
Resp. Unit: EASME/B/02

Action : RIA
Duration: 48

Publishable Summary

Deliverables

Milestones

Critical Risks

Genders

IT manual:

<https://webgate.ec.europa.eu/fpfis/wikis/display/ECResearchGMS/Participant+Portal+IT+Manual>



Checks and Reviews (GA art. 22)

The project needs to be carried out according to Annex 1 (Description of the Action, DoA)

- Checks, reviews, audits and investigations
- Review planned for month **14** and **32**

Financial issues

Keep records and supporting documents (Art. 18)

- ***Costs** must be **actually incurred** by the beneficiary: i.e. only what is in the beneficiaries (or TP) books is eligible*
- *Records for personnel costs – **Timesheets!** (except for staff working full time for the project)*
- *Webinar with FO on details can be provided.*

Find out more in annotated Model Grant Agreement :

http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/amga/h2020-amga_en.pdf



Climate-friendly Climate Research

- Adhere to the principles of sustainability also in the way you run the project.
- Reduce the carbon footprint of the research system
 - **For example by organizing "green meetings", teleconferences instead of regular meetings, etc**

Find out more:

<http://www.jpi-climate.eu/jpi-themes/climatefriendlyclimateresearch>

Become an expert !



25% new
experts



Read excellent
proposals



Network with
fellows

- ✓ Academia (in particular eastern Europe)
- ✓ Private sector / innovation agencies
- ✓ Local/national authorities/agencies

Express your interest:

<https://ec.europa.eu/easme/en/call-experts-climate-action-environment-resources-management>



Thank you for your attention!

Questions?

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