



→ EO OPEN SCIENCE 2.0

SUMMARY & RECOMMENDATIONS

Yves-Louis Desnos, Pierre-Philippe Mathieu

12–14 October 2015 | ESA–ESRIN | Frascati (Rome) Italy

European Space Agency

JAM sessions



VISUALISATION TOOLBOXES
BLOGS COLLABORATION
TUTORIALS E-LEARNING



Plenary sessions

VISUALISATION
TOOLBOXES
COLLABORATION
E-LEARNING
BLOGS
TUTORIALS



PLENARY sessions

VISUALISATION
TOOLBOXES
BLOGS
COLLABORATION
TUTORIALS
E-LEARNING
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FEEDBACK



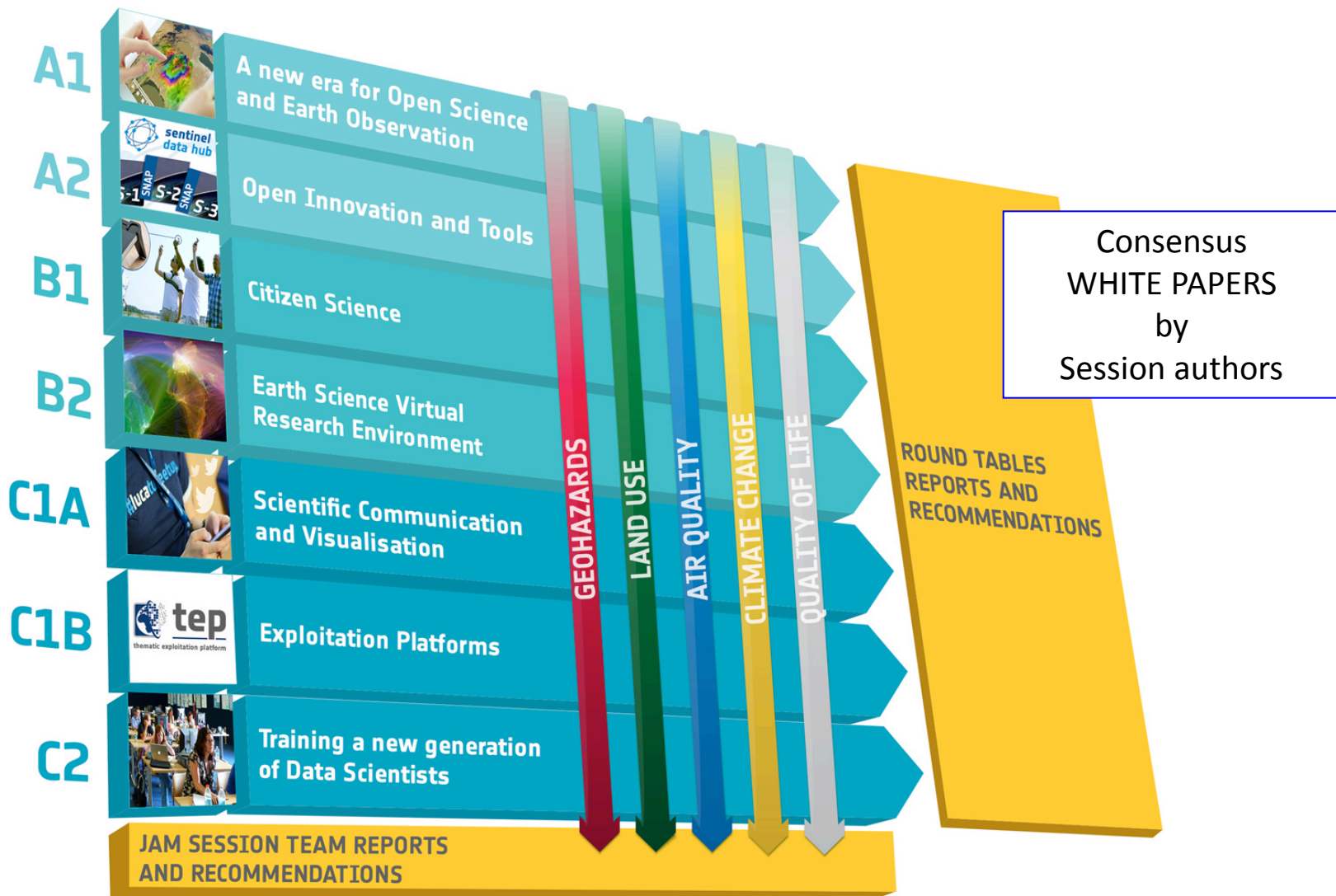
TUTORIALS

BLOGS

TOOLBOXES

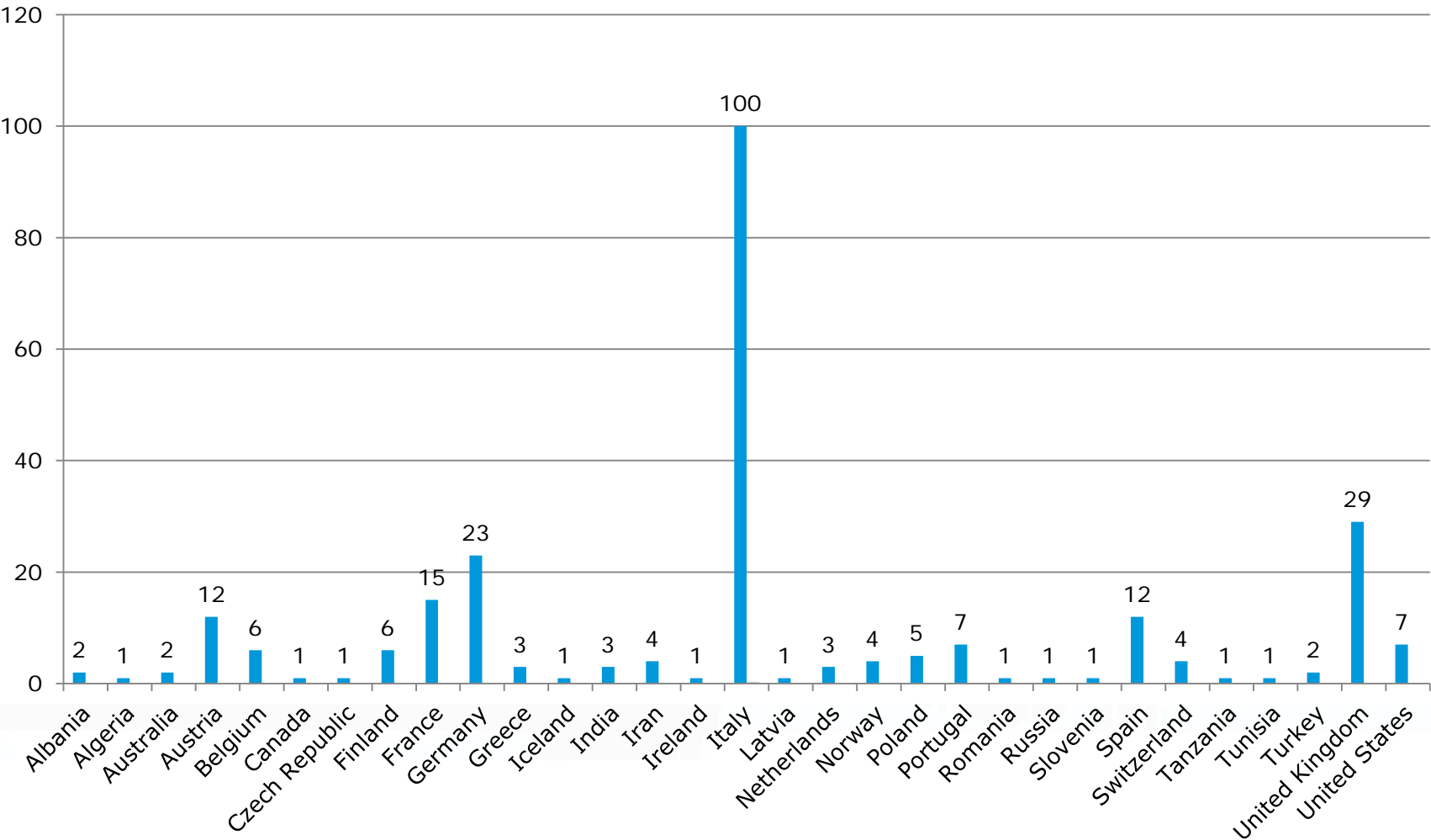
COLLABORATION

E-LEARNING





225 Participants



EXPLOITATION CYCLE



Reporting

→ EO OPEN SCIENCE

2016? or 2017

Actions

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ESA [@esa](#) · 29m

New trends and practices facing the next-generation Earth observation scientists discussed at [#eoscience20](#)



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8



6



ESA EarthObservation [@ESA_EO](#) · 56m

[#eoscience20](#) explores challenges and opportunities of rapid advances in digital tech [esa.int/Our_Activities...](#)





EOScience 2.0

The European Space Agency hosting an open science event
October 12 - 14th, 2015 in Frascati, Italy.
<http://eoscience20.org/>

by HeatherLeson a day ago 26 Views ▾



EO SCIENCE 2.0
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Joan Masó Pau



<https://storify.com/heatherleson/eoscience-2-0#publicize>



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LAUNCH OF EARTH OBSERVATION OPEN SCIENCE 2.0



Sentinel-1A mosaic of Europe

Italy on 12–14 October.

14 October 2015 How can Earth observation research explore the new challenges and opportunities created by the rapid advances in information and communications technologies?

The world of Earth observation data is swiftly changing, driven by the availability of open data and by the rapid advances in digital technologies, which can be used for their exploitation.

The first Earth Observation Open Science 2.0 conference, organised by ESA, explored and discussed the emerging challenges and opportunities faced by the Earth observation scientific community, with the objective of gathering feedback on new trends and practices by next-generation scientists.

Open tools and software, data-intensive science, virtual research environment, citizen science, advanced visualisation, e-learning and education of the new generation of data scientists were covered at this Community Consultation Meeting at ESA's centre in Frascati,

"This first EO Open Science consultation convened over 250 young EO scientists concerned with community building, organising citizen participation and involved in innovative science projects," stated ESA's Yves-Louis Desnos, also main organiser of the conference.

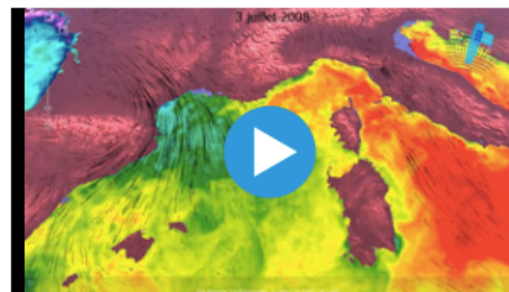
"They have been presenting state-of-the-art projects, via videos and live interactive demonstrations, contributing to jam sessions on challenging societal issues and debating live on the ESA web channel and social medias."

Highlights include generating a mosaic of Europe from Sentinel-1 data and citizen science projects monitoring air quality using your smartphone.



Earth Observation Science 2.0

- Full programme
- Watch the replay



EO Open Science consultation ACHIEVEMENTS

- **Gather and foster** the EO Open Science **scientific community** and **key stakeholders** -> **250 registered , 225 participants from 31 countries**
- Provide a forum to **present EO Open Science activities** and for international exchange -> **Achieved; discussion on next event timing 2016 or 2017**
- **Formulate community recommendations** on EO open science -> **importance of white papers to prepare and influence ESA programs (& national and European programs)**
- **Present** large-scale **EO international initiatives** -> **major players in EU and worldwide participated**
- **Consult** to **prepare** future **ESA scientific Exploitation Program Elements** -> **open science activities included in outline program for EOEP 5**

THANKS



- Session Chairs, Participants, Exhibitors
- Thanks to the Video Posters presenters
- Thanks in advance to White papers coordinators (Deadline end October?)
- Thanks to Pierre Philippe and Francesco
- Thanks to Robert , Mali , Mariangela ESA com
- Thanks to Fulvio EO science tweeter
- Special THANKS to
 - ESA CONF BUREAU (Carmen ,Anne Lise)
 - EOGB
 - Cantine
 - Site services

HAVE A SAFE TRIP BACK HOME
SEE YOU ALL IN 2016 (or 2017)