

Dave Heyns, Project Director

OCRE in a Nutshell

EO Café

10 September 2020

EOcafe



Ambitions

Europe is the largest producer of research data in the world.

The EC wants to increase the use of this data and interconnect research IT infrastructures through the European Open Science Cloud.

OCRE intends to –

1. Provide researchers with access to commercial cloud and digital services.
2. Drive the adoption of such services and stimulate the European digital economy.

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OCRE | Open Clouds
for Research
Environments

- Promote agility in local research activities (harness analytics platforms; machine learning; AI)
- Support collaboration (both regional and global)
- Drive broader EOSC ambitions (OPEN research; FAIR data; stimulation of SME development; sustainability)
- Stimulate European digital economy
- Grow emerging earth observation digital solutions (DIAS)
- Provide for acquisition and service discovery (onboard onto EOSC-hub)



KEY benefits -

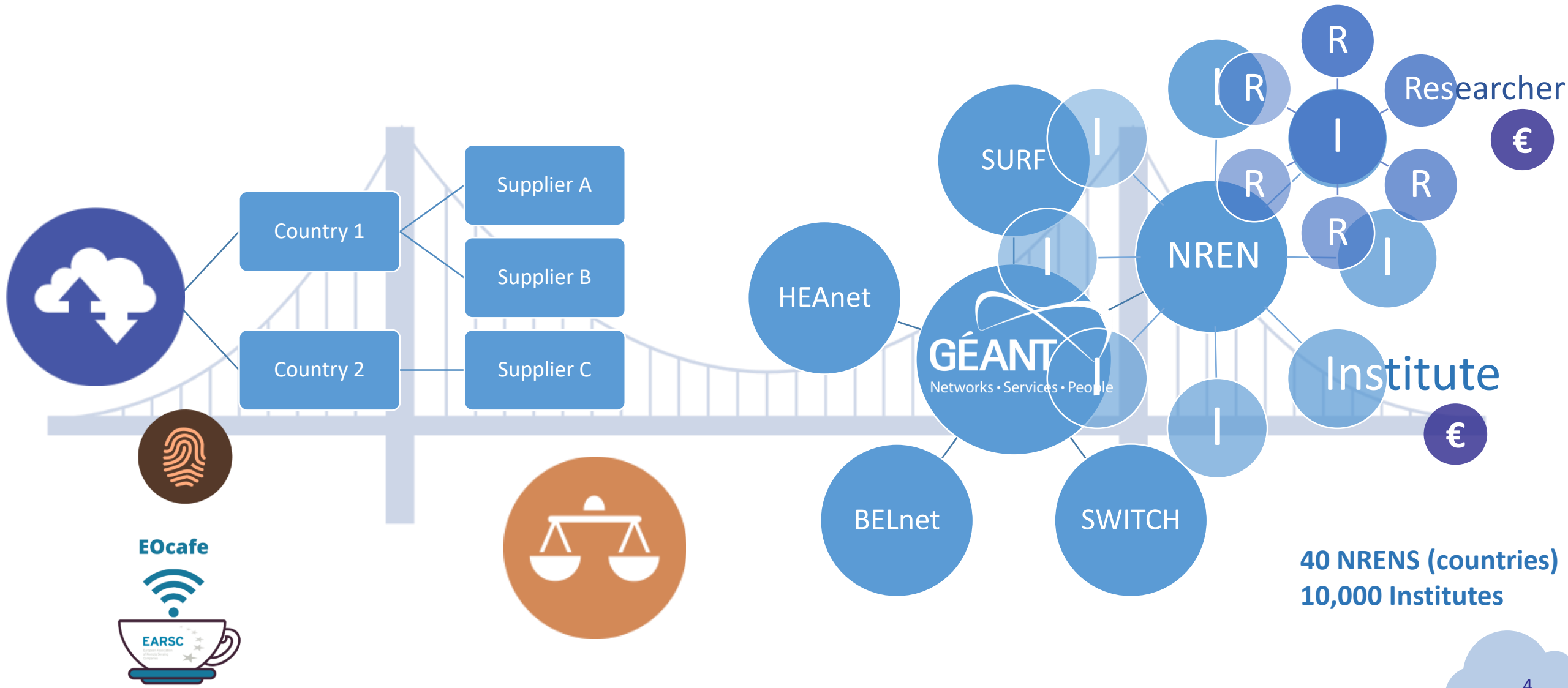
- ✓ Validated cloud and EO services which meet the community's needs
- ✓ Confirmed data privacy, contracting, billing integration, technical support and special pricing
- ✓ Integrated with the European Open Science Cloud
- ✓ Ready-to-use agreements (no need to run their own tenders)
- ✓ Apply for EC adoption funds available via OCRE (eligible research projects)



Discipline focused PoC (EO)

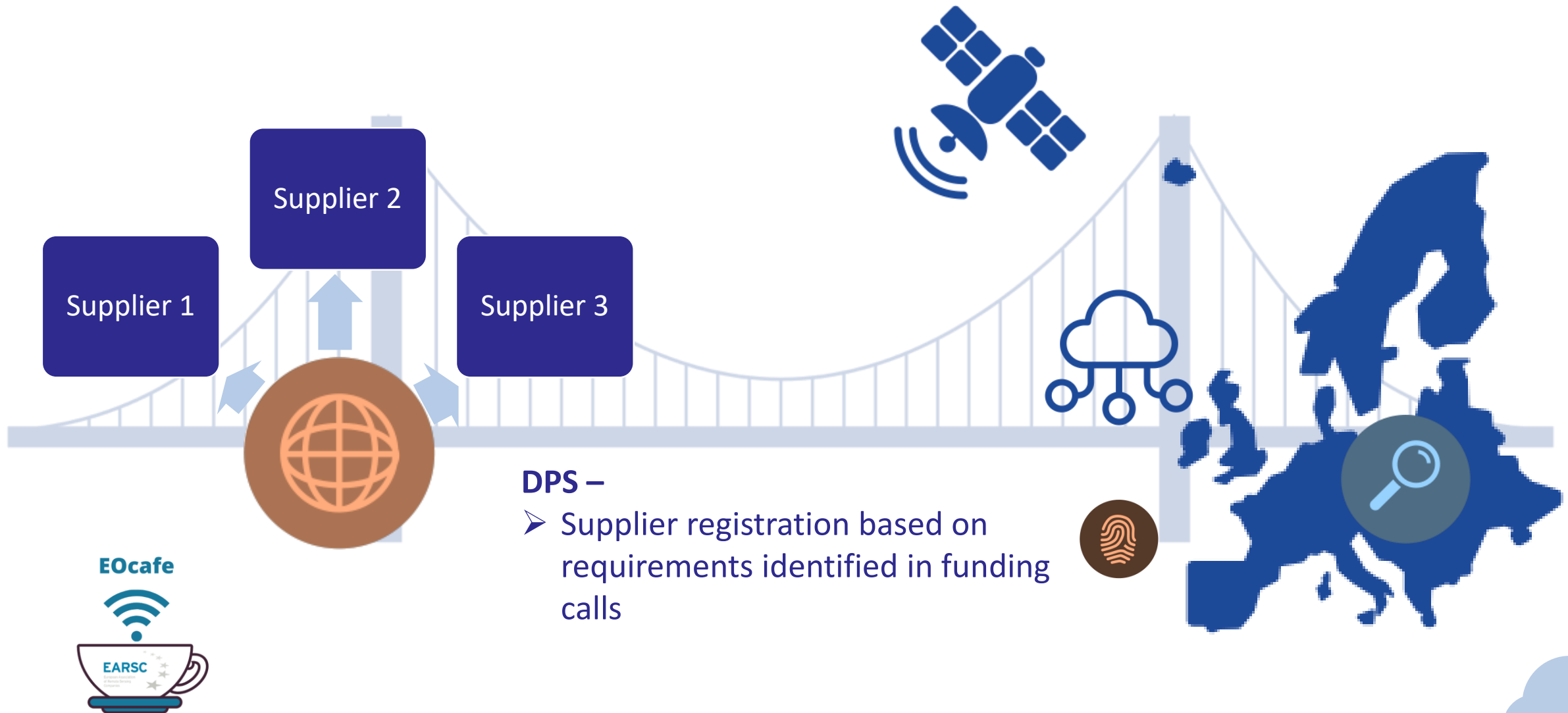


OCRE in a nutshell
Cloud (IaaS+) Tender



OCRE in a nutshell

EO Services - Tender



- Intend on consuming cloud and digital services to accelerate research outcomes
- Are able to demonstrate the impact of these services in terms of their output and agility
- Are not currently using these tools at scale
- Provide significant relevance in terms of their research discipline
- Form part of the broader European research community
- Hope to support further research and collaboration through their environment
- Look to begin consuming services at year end 2020 or early 2021
- Identify opportunities for hosting of FAIR data



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- Individual researchers (voucher funding)
- Institutional projects (project funding)
- Collaboration projects (co-funding of projects)

- First call published on September 15th, 2020
- Focused on project submissions by individual institutes (Wave 2)
- Meet impact targets as described earlier
- Broad in terms of reach (Discipline and location)
- Signed off on by EAB
- Socialised across all channels available to the project
- Will provide precedent for future calls
- First call will exclude opportunities for Buyer Groups



- First call published on October 15th, 2020
- Focused on project submissions by individual institutes (Wave 2)
- Meet impact targets as described earlier
- Require digital services consuming COPERNICUS data
- Are able to clearly describe these service in support of publication (DPS)
- Signed off on by EAB
- Socialised across all channels available to the project
- First call will exclude opportunities for Buyer Groups

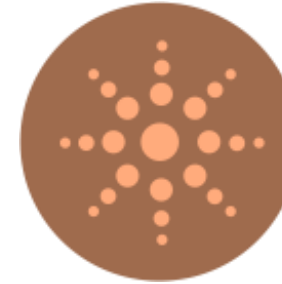


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KEY responsibilities -

- ✓ Catalogue of cloud and Digital Services
- ✓ Develop relationships with market in-country
- ✓ Provide access to call-off agreements
- ✓ Support local cloud forums
- ✓ Procure on behalf of R&E community (underwriter/Buyer Group)
- ✓ Evangelize services via webinars and conferences
- ✓ Host agreed upon supplier engagements
- ✓ Communicate funding calls for institutes
- ✓ Provide support for local buyer groups





- **Guido Aben**
- **Ana Juan Ferrer**
- **Marta Hoffman-Sommer**
- **Shridhar Jawak**
- **Günther Landgraf**
- **Steven Newhouse**
- **Nicky Stewart**
- **Emanuele Storti**
- **Debora Testi**

RDA

Atos Scientific Community

Institute of Biochemistry/physics

Svalbard Integrated Arctic Earth Obs

ESA

EMBL-EBI

UKCloud

EURODOC researcher

CINECA HPC



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<https://www.ocre-project.eu/ocre-expert-advisory-board>

Thank you

Please refer any questions to:

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