



Photography encouraged



The game changer of Cloud and E0 commercial services usage by the European research community

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BY





OCRE

Open Clouds for Research
Environments



RHEA



Trust-IT Services
Communicating ICT to markets





OCRE

Open Clouds
for Research
Environments

Will stimulate the adoption of commercial cloud and Earth Observation (EO) services by the European research community.

As part of the European Open Science Cloud.

Through a tender resulting in framework agreements with suppliers, which research institutions can use to buy resources.

By making available **9.5 million EURO in cloud adoption funds** from the EC, for the research community to use.

European Open Science Cloud

- 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 is part of the European Open Science Cloud and receives funding from the EC under grant agreement no. 824079.



Why OCRE?

- Cloud and Earth Observation (EO) based services offer the European Research community a wealth of powerful tools.
- But for many researchers, these are currently out of reach.
 - It is difficult to find and select suitable services.
 - Establishing agreements with providers and ensuring legal and technical compliance requires specialist skills and takes an inordinate amount of time.
- Equally, service providers have difficulty reaching and meeting the needs of the research community in
 - technical,
 - financial and legal areas.





OCRE

RESEARCHERS

Easy adoption

Incorporate commercial digital services into their activities

Service discovery and acquisition

SERVICE PROVIDERS

Easy delivery

Reach and meet the needs of the research community

Meet legal, financial and technical requirements

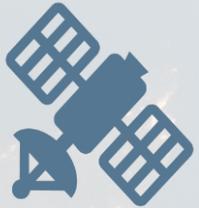
OCRE will drive adoption of digital services and close the gap between the supply and demand sides

Scope

Stimulate the adoption of:



IaaS, PaaS and SaaS
commercial cloud offerings.



Earth Observation commercial services,
which leverage EU DIAS platforms
(Data and Information Access Services),
where the Copernicus Sentinel data is
stored.



OCRE USER CATEGORIES



INDIVIDUAL
RESEARCHERS



INDIVIDUAL
INSTITUTIONS



GROUP OF
INSTITUTIONS
(BUYER GROUPS)

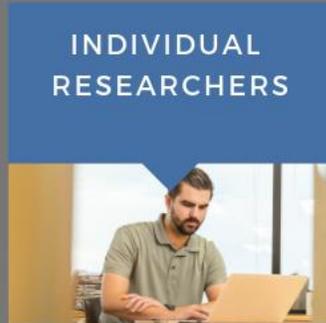
Funding waves

EC adpt
funds
Type A
services

EC adpt
funds
Type B
services

Total for
each
wave

WAVE 1



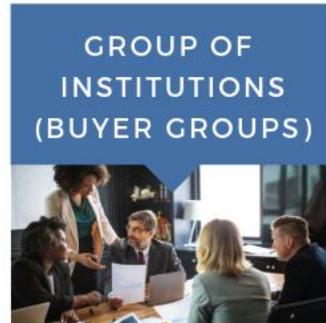
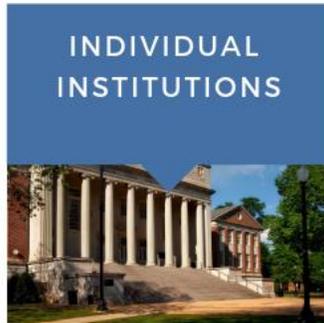
1.475M

0.975M

2.45M



WAVE 2



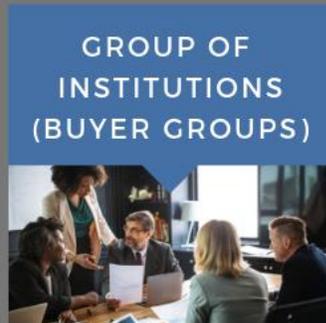
1M

1.5M

2.5M



WAVE 3



2.25M

2.25M

4.5M



EO Requirements gathering
from the research community
and input from suppliers

- Dedicated Webinars
- Participating in conferences and user consultations.
- EARSC community:
European Association of
Remote Sensing Companies

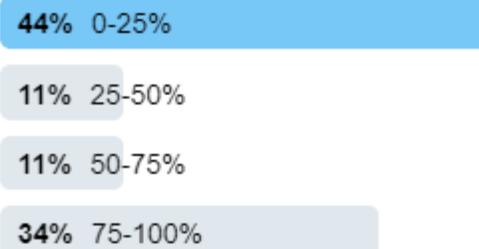


Online Surveys – question Polls

OCRE OCRE
@OCREproject

Segui

#OCRE poll for #researchers and users of #EarthObservation #Cloud Services:
How much of your #research is based on #EO #satellite #data processing or derived information?
Give us your inputs on the services you would like to see in the #EOSC: bit.ly/2QddSa1 #GIS #mapping



Online Surveys - Questionnaires

Researcher



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EARTH OBSERVATION USER SURVEY

Help source the EOSC's future digital
EO services for researchers from
commercial providers

PROVIDE INPUT

Raffle
among
participants



Service
Provider



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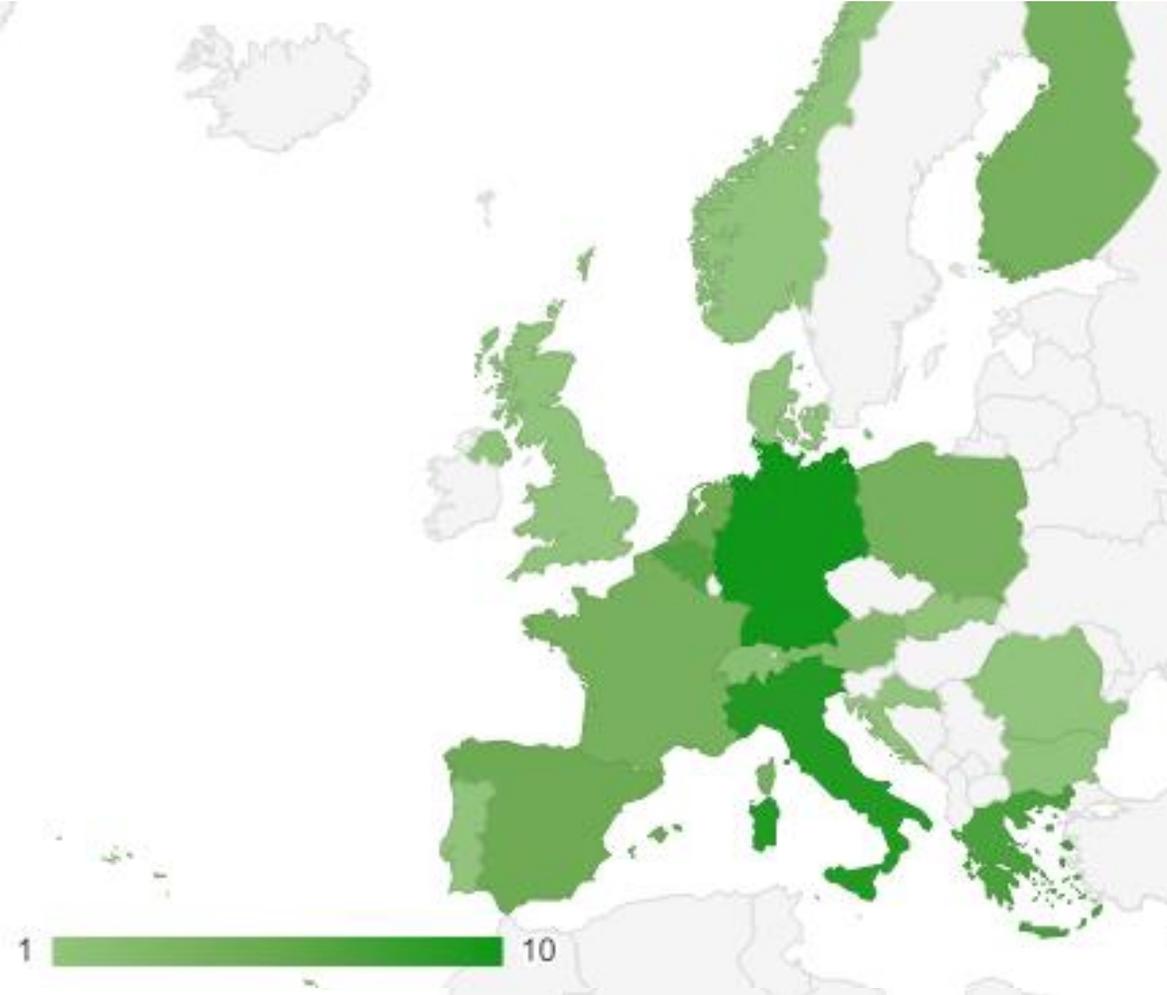
EARTH OBSERVATION SUPPLIER SURVEY

Give your services more visibility and
have the chance to be included in the
European Open Science Cloud

PROVIDE INPUT

EO requirements gathering total participation

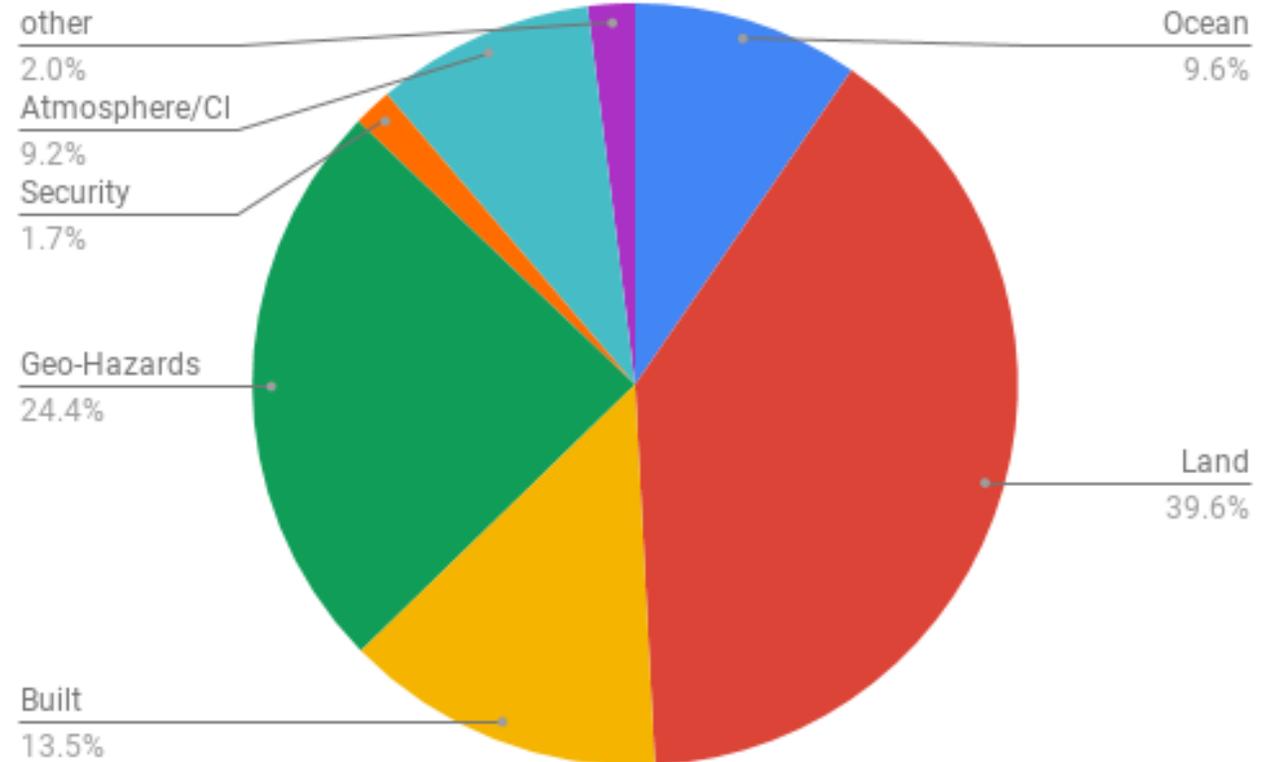
19 EU countries involved



Covering all 6 main domains with
25 Research subdomains

70+ Participants

EO domains



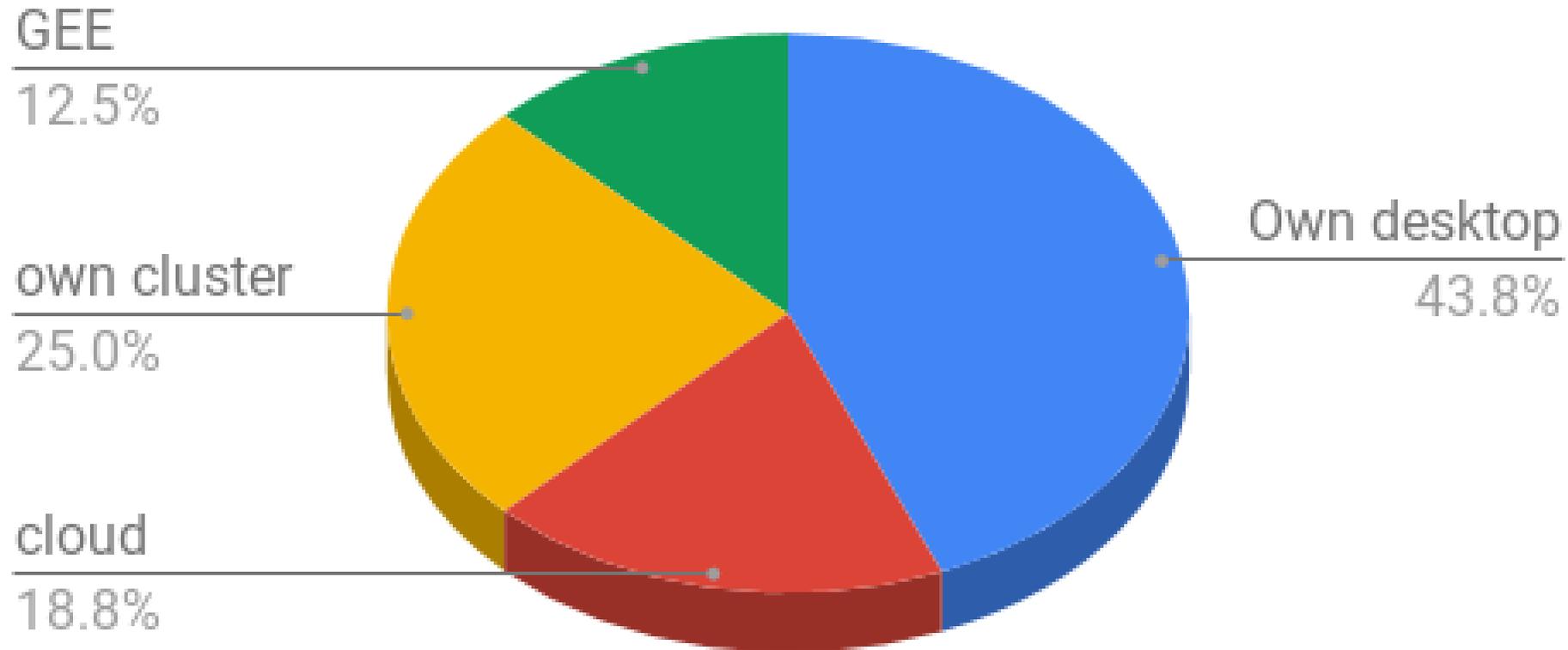
A close-up photograph of a person's hand holding a blue pen over a document. The document features a bar chart with several blue bars of varying heights. The background is slightly blurred, showing more of the document and the hand. A semi-transparent blue box is overlaid on the bottom right of the image, containing the text 'KEY RESULTS' and a DOI.

KEY RESULTS

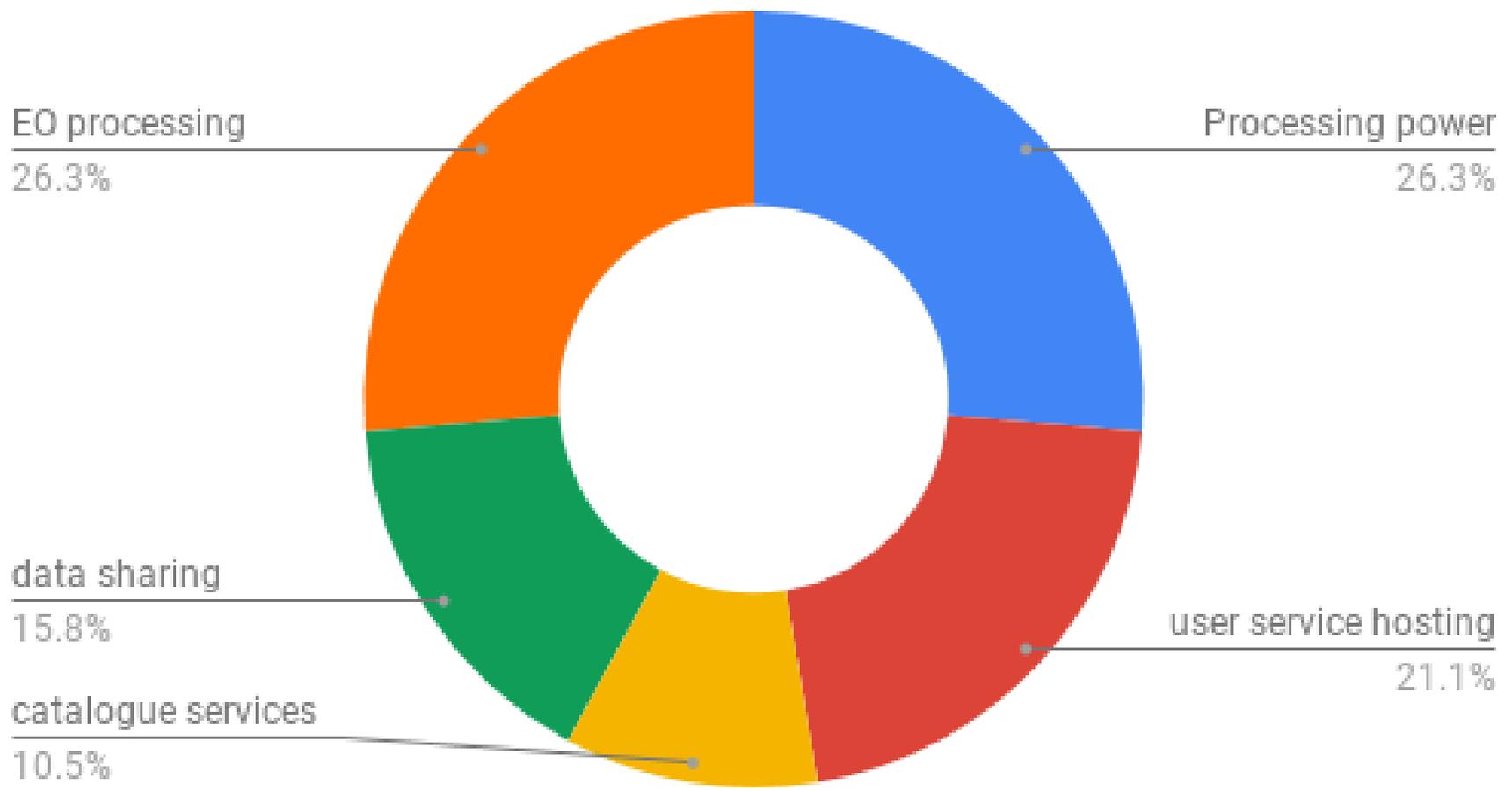
DOI: [10.28991/esj-2020-01213](https://doi.org/10.28991/esj-2020-01213)

Processing resources

Current processing resources employed



Requested services



OCRE supporting research against COVID-19

**IaaS vouchers for
COVID-19 researchers**

VOUCHERS IN
SUPPORT OF COVID-19 RESEARCH.

VOUCHERS DISTRIBUTED THROUGH OCRE
PARTNERS CERN OPENLAB, EURODOC AND
CLOUDSIGMA.

Application deadline extended until 8th May 2020

Stimulating uptake of cloud services

- OCRE started to distribute vouchers to encourage more researchers to use commercial cloud through CloudSigma IaaS vouchers.
- Distribution is still ongoing through OCRE and partners EOSC-hub, EURODOC & Marie Curie Alumni Association



**EARMARKED FOR
DISTRIBUTION UNTIL MID-2021**



**ALREADY DISTRIBUTED
TO RESEARCHERS**



**ALREADY DISTRIBUTED
TO EO RESEARCHERS**

Additional adoption funding/vouchers for EO services will be distributed after OCRE completes its tender for digital EO services this year!

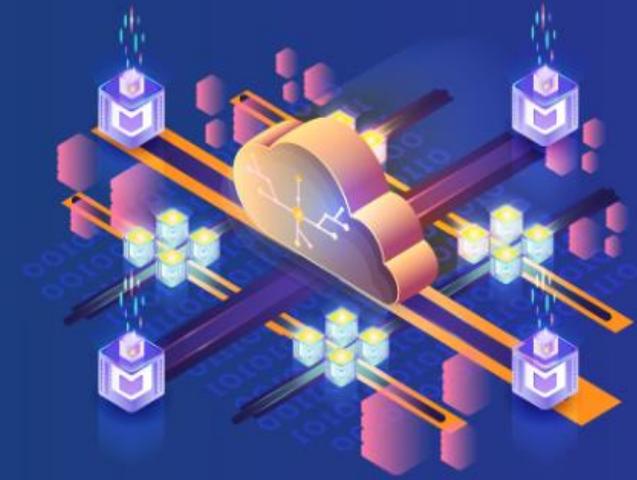
Cloud tender launched!

OCRE IaaS+ Tender is now published!

Deadline for submission: 2 June | 12:00 CET

Respond to the tender now & have the chance to be the supplier of choice for the European research community!

ACCESS THE OCRE TENDER ANNOUNCEMENT NOW!



EO tender coming soon!

<https://www.ocre-project.eu/>

Open Clouds for Research Environments



Contact Us



Long Tail of Science's Requirements for Earth Observation Services in Europe

OCRE has published the results of its Earth Observation requirements gathering survey. The results have allowed the identification of consumption habits, needs and technical requirements.

LEARN MORE & DOWNLOAD THE ENTIRE REPORT





OCRE

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OCRE aims to be a CORE component
in the European Open Science Cloud

Questions?



www.ocre-project.eu



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in/company/ocre-project

 **EGU** General
Assembly 2020

Vienna | Austria | 3–8 May 2020



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