



OCRE

Open Clouds for Research
Environments

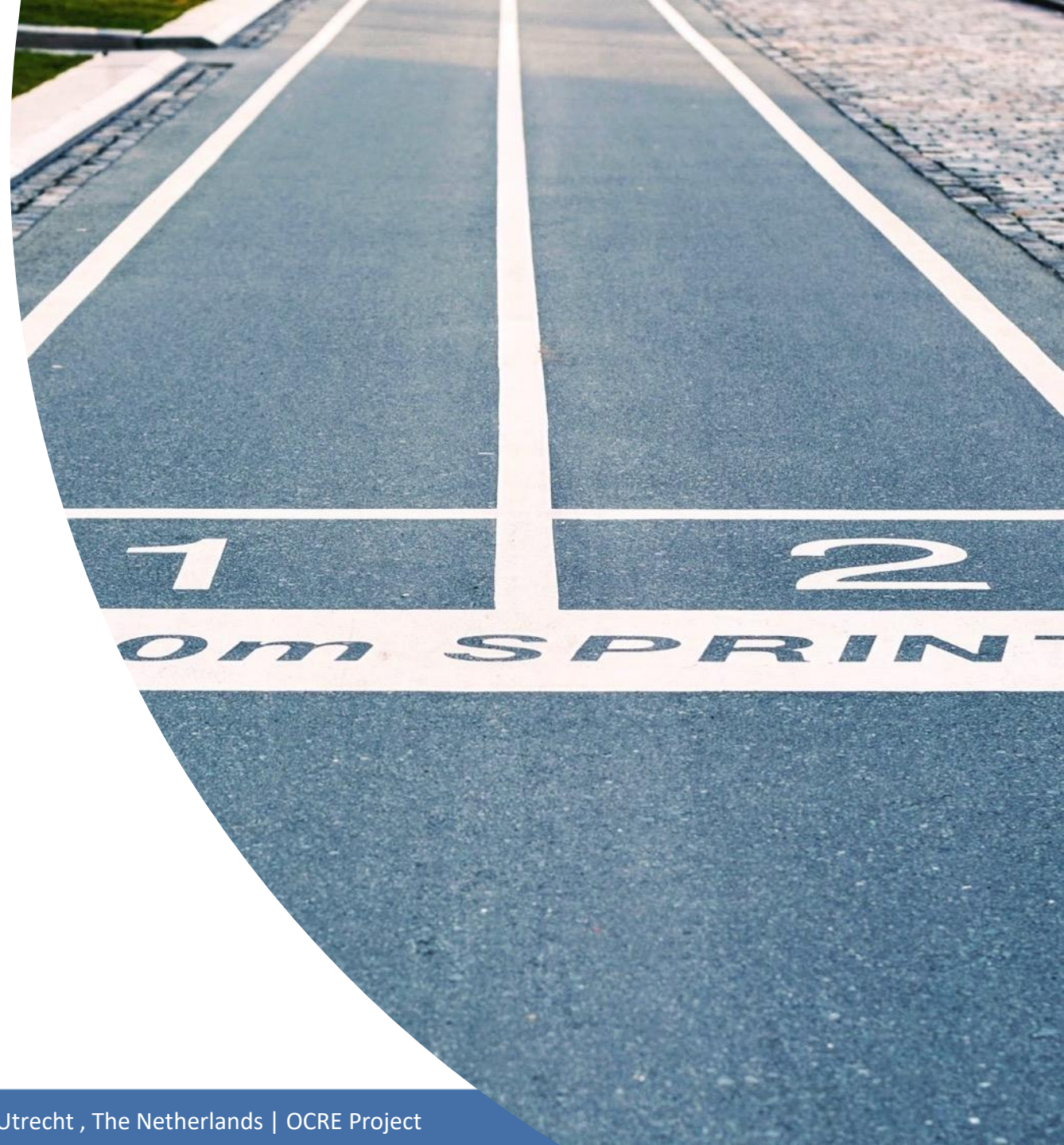
WP2 – Community Outreach and Requirements Task 4 : Requirements Collection for EO Services Stemming from DIAS



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Outline

- EO outreach activities
 - Interaction with user community
 - Requirements gathering
- Identified EO services
- Measuring project success



EO outreach activities

EO outreach activities (I)

- Continuous interaction with the community:
 - Interaction opportunities through the OCRE website.
 - This enables customers and users to alert OCRE about any issues.
 - Specific information about contact points (i.e. NRENs), vouchers, adoption waves, timeline, **should be transparent and accessible** through the website
 - Announcing next events in social media (twitter, LinkedIn, official website, newsletters, email)

- Face-to-Face events using the reach of the OCRE partners, who bring a vast network:
 - **One Requirements Gathering Workshop**: Q2 2019
 - **One Supplier Information Day** covering PARTS A and B: Q2 2019
 - **Three User / Customer Workshops** to explain how they can engage with OCRE to obtain services
 - A final workshop for customers and suppliers

- Bimonthly community webinars for **user interaction**

EO outreach activities (II)

- Direct contact with institutions
- Participating in workshops and conferences
 - Flyers and communication materials, containing information about
 - Contribution to project scope, benefits (free resources for researchers)
 - Explanation of voucher mechanism and timeline
 - Type of EO services available
 - Direct contact points
- Providing information about:
 - EO services to be provided
 - Vouchers (amount, volume, timeline)
 - Procedure to get involved
 - Adoption waves
 - Events
- Requirements gathering from:
 - Interviews/webinars and workshops
 - User community
 - Copernicus Research and User Support (RUS)
 - Copernicus Academy
 - ESA / NREN through GEANT



Events in 2019

- continuous interaction with the community



Face2Face Events



Digital Earth in a transformed Society

Events in 2020

- User/Customer workshops for OCRE promotion
 - Together with other conferences??
 - M16 – April 2020 → EGU?
 - M22 – October 2020 → Phi-Week 2020?
 - M28 – April 2021 → EGU?

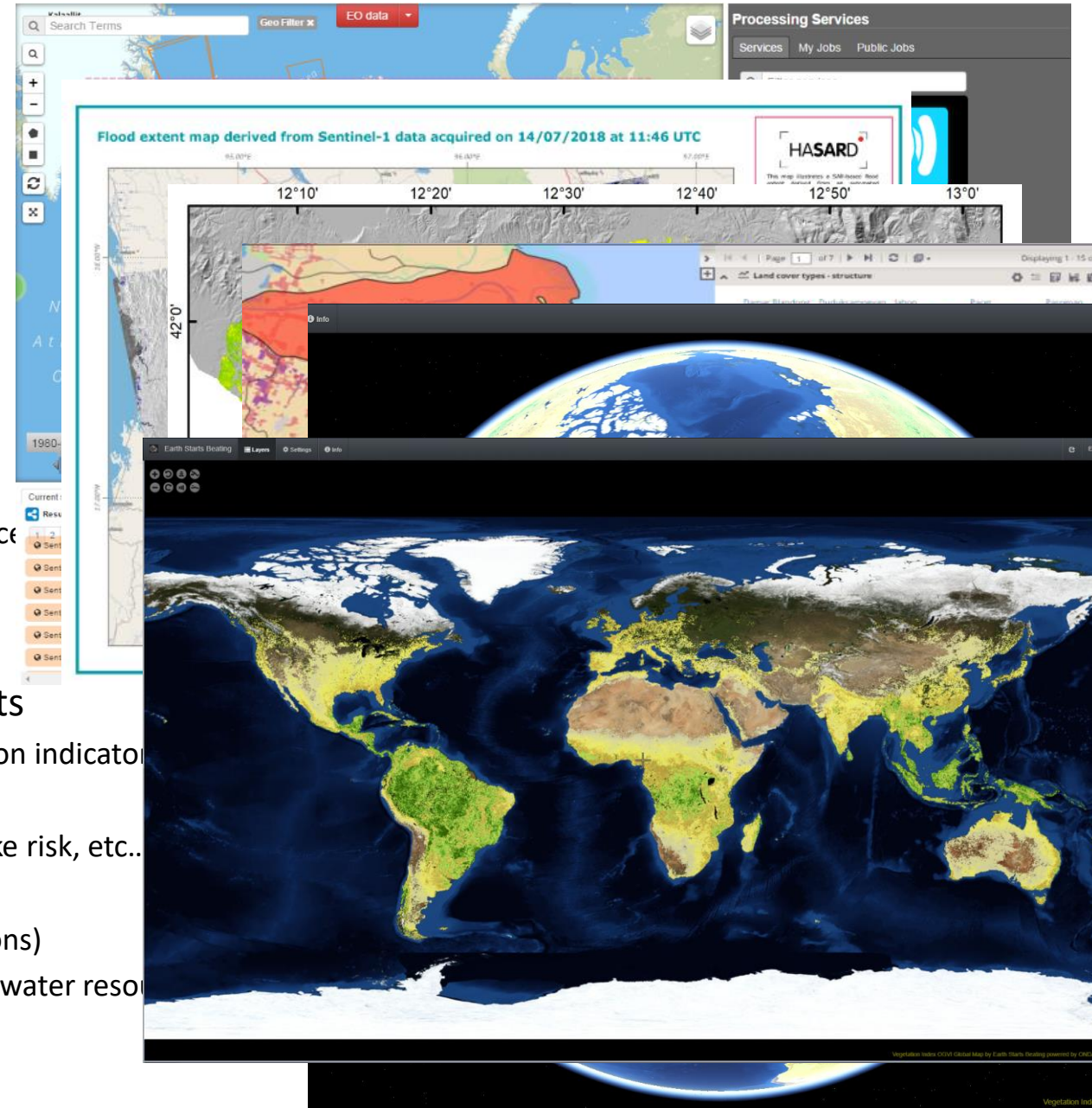


Face2Face Events

Identified EO services

Identified EO services

- Processing services
 - Services that help the development and processing
 - On demand/systematic processing services
 - for EO algorithm development of natural phenomena
 - Time limited processing resources
 - for courses/trainings
 - Demanding (large amount) but time limited processing resource
- EO Services that provide :
 - Analysis-Ready-Data products
 - High level products understandable for non EO experts
 - Environmental variables (fluorescence, water quality, vegetation indicators)
 - Climate variables (temperature, soil moisture, solar radiation)
 - Insurance related variables (Flood risk assessments, earthquake risk, etc..)
 - Oil & Gas sector (ground deformation)
 - Agriculture (climate variables, crop status, crop yield estimations)
 - Water management (sea level rise, utilization of underground water resources)
 - Analytics/maps on previous high level products



Measuring project success

EO related Key Performance Indicators

- **KPI 2** : Collect requirements input from organisations on the demand and supply side from within at least **five different disciplines/domains**. For commodity-type commercial digital services, digital services input to be collected from at least 40 organisations. **For Earth Observation (EO) services**, input is collected from **at least 20 organisations**.
- **KPI 3**: Accommodate the following service types in the OCRE tender:
 - Commodity services: IaaS, PaaS, file storage (sync and share), online collaboration, simulation and virtualisation tools.
 - **Earth Observation services, including analytical services, processing services, data visualisation services, algorithm integration services and data sharing services.**

Potential organisations for KPI 2

- CMCC – Climate Change Euro-Mediterranean Center
- CNR – Italian Research National Council
- CSIC – Spanish Superior Council of Scientific Research
- VITO – Flemish Institute for Technological Research
- TNO – Netherlands Organisation for Applied Scientific Research
- Universities:
 - Delft University of Technology
 - KU Leuven
 - Jaen
 - Sapienza
 - Tor Vergata
 - Ca Foscari
 - Wageningen
 - CU Leuven
 - Univ Polit. Valencia (2), Alicante,
 - Poznan
 - ...



Potential companies fro KPI 3

- Airbus
- ACRI
- CNES
- DARES Tech.
- Deimos
- DLR
- e-geos
- ENVEO
- EOX
- FadeOut
- GAF
- GISAT
- GMV
- LIST
- Planetek
- Pixalitics
- SAS
- SenSAR
- Sinergise
- TREALTAMIRA

○ TEPS involved consortia

- Terradue
- VTT
- ACRI
- VITO
- Vista
- DLR
- isardSAT
- PolarView

Thank you very much!