EARTO Annual Report 2021

Strengthening the RD&I landscape to ensure European Green and Digital Recovery
- EARTO positioned RTOs as key actors of the post-COVID 19 economic recovery and the EU twin green & digital transitions
- EARTO successfully developed and promoted EARTO 17 position papers thanks to its 7 Working Groups’ support and expertise
- EARTO promoted RTOs participation in EU RD&I programmes (incl. thanks to reviewing their rules for participation): Horizon Europe, Digital Europe, Regional, Space & Defence Programmes
- EARTO supported the launch of the new ERA Action on Technology Infrastructures
- EARTO continued its collaboration with key RD&I actors:
  - EARTO regularly organise its Industry–RTOs Informal FP Group with the support of Business Europe and Digital Europe comprising 30+ EU sectoral industrial associations to promote the role of applied RD&I in EU programmes
  - EARTO & Vanguard Initiative publish Complementary Insights on the Interregional Innovation Investments (I3)
  - EARTO, CESAEER & EUA publish a Joint Statement on Caution needed on interim analysis of Horizon 2020 lump sum pilot
  - EARTO together with Business Europe, ERRIN, LERU and The Guild launched the Manifesto on R&I for the Future of Europe
  - EARTO launched new collaboration project with the OECD on the new OECD-EARTO joint Project on RTOs' financing
- EARTO organised several digital events and webinars with EU Officials, enabling its members to discuss key EU topics
- EARTO met with key EU VIPs (Commissioners, their Cabinets and Director-Generals) to provide EARTO inputs on strategic EU dossiers
EARTO Network in figures

7 active WGs and 80% of members actively involved in our WGs

32 countries active in our WGs and Task Forces

Board & Steering Committee combined have met 7 times (3 Board + 4 STCO)
Highlights 2021

17 position papers, incl. 4 EARTO papers on Horizon Europe

3 EARTO events & 15 EARTO webinars

7 active Working Groups & 4 Temporary Task Forces
EARTO Members in Horizon 2020

- EARTO members represent 1% of the beneficiaries, but receive 8% of the available funding.
- Industry participation increases to 34% when EARTO members are involved in the project (24% when they are not).
- EARTO members coordinate 33% of the projects in which they participate.
- EARTO members participate in large collaborative projects with on average €5.4m EU contribution and 15 partners per project.
- 61% of the funding spent in Pillar II (Industrial Leadership) given to projects with EARTO members.
- 54% of the funding spent in Pillar III (Societal Challenges) given to projects with EARTO members.

(eCord data October 2020)
143 articles on key dossiers in EARTO Newsletters and 92 articles published on the website news’ section.

Twitter & LinkedIn accounts with around 6,000 followers and 13,000 members.

EARTO Innovation Awards 2021

1st Prize

Flying-phones in your smart hands

European Technology will be MagIC

Tyndall National Institute

2nd Prize

Motion without limits

From waste to wonderful

3rd Prize

3D printed parts from organic raw materials

Personalised skin on demand

VTT

csem
Changes in WGs in 2021
- WG on Structural Funds has been merged to WG FPs to create the new WG on EU RD&I Programmes overlooking now at Horizon Europe,

Running Task Forces
- TF on COVID-19
- TF on Technology Infrastructures
- TF on EU-China Relations
- TF on OECD Project on the Funding of RTOs
- TF on RIN Benchmarking
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<tr>
<th>Country</th>
<th>Name</th>
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<tbody>
<tr>
<td>CH</td>
<td>Harry Heinzelmann</td>
<td>CSEM</td>
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<td>CY</td>
<td>Tasos Kounoudes</td>
<td>SignalGenerix</td>
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<td>DK</td>
<td>Ragnar Heldt Nielsen</td>
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<td>ES</td>
<td>Aureo Díaz Carrasco</td>
<td>FEDIT</td>
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<td>FI</td>
<td>Antti Vasara *</td>
<td>VTT</td>
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<td>NL</td>
<td>Paul de Krom *</td>
<td>TNO</td>
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<td>SI</td>
<td>Jadran Lenarčič</td>
<td>JSI</td>
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<td>FR</td>
<td>Bertrand Bouchet *</td>
<td>CEA</td>
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<td>BE</td>
<td>Dirk Torfs</td>
<td>Flanders Make</td>
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<td>IT</td>
<td>Roland Psenner</td>
<td>EURAC</td>
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<td>NO</td>
<td>Nils Rokke</td>
<td>SINTEF</td>
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<td>AT</td>
<td>Sonja Sheikh</td>
<td>ACR</td>
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<td>DE</td>
<td>Mathias Rauch *</td>
<td>Fraunhofer Gesellschaft</td>
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<td>IE</td>
<td>William Scanlon</td>
<td>Tyndall</td>
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<td>LT</td>
<td>Gintaras Valusis</td>
<td>FTMC</td>
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<td>LU</td>
<td>Thomas Kallstenius</td>
<td>LIST</td>
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<tr>
<td>PT</td>
<td>João Claro</td>
<td>INESC TEC</td>
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<td>SE</td>
<td>Pia Sandvik *</td>
<td>RISE</td>
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<td>UK</td>
<td>Clive Hickman</td>
<td>MTC</td>
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<tr>
<td>PL</td>
<td>Piotr Dardziński</td>
<td>Łukasiewicz Network</td>
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* Steering Committee members
EARTO WG EU RD&I Programmes

Chair & Core Team: EARTO Secretariat, Fraunhofer, TNO, VTT

- 2 CEOs Roundtables with EU VIPs
- High-level Workshop during Portuguese Presidency
- Internal Webinar on JRC Foresight Report
- EARTO Session at CONCORDi 2021 Conference on TIs
- Series of Webinars with EU Officials (incl. 14 webinars)

PAPERS PUBLISHED IN 2021
1. EARTO and Vanguard Initiative Complementary Insights on the Interregional Innovation Investment (I3)
2. EARTO Recommendations- Making the new ERA for R&I a reality
3. EARTO Press release on Updating the 2020 EU Industrial Strategy
4. EARTO Input on the Implementation of European Partnerships
5. Manifesto on R&I for the Future of Europe
6. CESAER, EARTO & EUA Joint Statement – Caution needed on interim analysis of lump sum pilot
7. EARTO Paper: The position of Research and Technology Organisation (RTOs) in the EU Framework Programmes

2021 KEY ISSUES
- Horizon Europe: following launch & implementation, Clusters/KETs, Partnerships, Missions, EIC, EIT, etc.
- ERA implementation: new EU strategy on Technology Infrastructures
- Digital Europe Programme: following launch & implementation, Innovation Hubs & TEFs
- Interregional Innovation Investments (I3): following launch and promoting RTOs participation as key regional actors

Cooperation with EC DGs & other Stakeholders
- DG R&I, DG CONNECT, DG GROW, DG JRC, DG REGIO
- EP (ITRE & REGI)
- Council
- Committee of the Regions
- Industry: Business Europe, Digital Europe, Orgalim and 30+ other Industry associations
- Regions: ERRIN & Vanguard Initiative
- Universities: EUA, CESAER
- CEIAC
- Various consultants hired by DG R&I for ERA studies
EARTO WG Legal Experts

Chair & Core Team: CEA, EURAC, TNO, VTT

• Public Webinar on EARTO Paper – Towards a Balanced Approach Between IPRs and Open Science Policy
• Various meetings of the Core Team with EC representatives (incl. Cabinets) to present the various papers published

PAPERS PUBLISHED IN 2021
1. EARTO Report on State Aid on R&D&I
2. EARTO Response to EC Consultation on the Revised Framework for State Aid RD&I
3. EARTO Response to the EC Consultation on EU Standardisation Strategy
4. EARTO Response to the EC Consultation on the Revised General Block Exemption Regulation (GBER)

2021 KEY ISSUES
• Horizon Europe implementation: Rules for Participation and Model Grant Agreement (legal aspects) & Annotated Grant Agreement
• Open Science policy, incl. Data Management Plan, FAIR data, European Open Science Cloud, Open access to publications, Plan S
• Intellectual Property Rights, Standard Essential Patents & Standardisation
• EU State Aid rules: implementation and revision
• Pre-Commercial Procurement

Cooperation with EC DGs & other Stakeholders
• DG R&I, DG COMP, DG JRC, DG CONNECT, DG GROW
• EP (ITRE)
• Council
• Industry: Business Europe, Digital Europe (especially on SEPs)
• Universities: EUA, CESAER
EARTO WG Financial Experts

Chair & Core Team: TNO, AIT, DTI, Fraunhofer

- Various meetings of the Core Team with EC representatives to present the various papers published

PAPERS PUBLISHED IN 2021

1. CESAER, EARTO & EUA Joint Statement – Caution needed on interim analysis of lump sum pilot
2. EARTO Analysis of Horizon Europe partial draft Annotated Grant Agreement (Not Public)

2021 KEY ISSUES

- Horizon Europe implementation: Rules for Participation and Model Grant Agreement (financial aspects) & Annotated Grant Agreement
- Usual cost accounting practices, unit costs, allocation keys, internally invoiced goods and services
- Audits, cross-reliance, system and process audits
- Lump Sum pilots
- New RD&I related programmes’ rules for participation: Digital Europe, Defense, Space
EARTO WG Impact

Chair: EARTO Secretariat

- EARTO Session at CONCORDi 2021 Conference on Impact
- Joint Workshop with OECD on the role of RTOs in supporting Sustainable Transitions

PAPERS PUBLISHED IN 2021
1. EARTO Paper: Capturing Official Data on the RTO Sector for a Better Understanding of the RD&I Ecosystem
2. EARTO Paper: The position of Research and Technology Organisation (RTOs) in the EU Framework Programmes

2021 KEY ISSUES
- Organising EARTO data collection and benchmarking studies
- Demonstrating the impact of RTOs by sharing recent studies
- Work towards official OECD and EUROSTAT data on RTOs (flagging in national statistics)
- Launch of a new joint project with the OECD
- Continue collaboration with OECD on other common topics: co-creation, knowledge transfer and RD&I Intermediary organisations, technology infrastructures, etc.

Cooperation with EC DGs & other Stakeholders
- DG R&I, DG JRC
- OECD
- EUROSTAT
- National Statistical Institutes
EARTO Technology Oriented WGs

**WG Healthcare**

Chair & Core Team: AIT, CIDITEC, CSEM, CEA

2021 KEY ISSUES
- Input to Horizon Europe Partnership on Health & Clusters looking at health related topics
- Linking with Medtech SMEs
- Role of Medtech RTOs in Horizon Europe
- Monitor the EU4Health programme

**WG Security & Defence Research**

Chair & Core Team: TNO, AIT, INOV, VTT

PAPER PUBLISHED IN 2021

2021 KEY ISSUES
- Input to Horizon Europe (security & defence related topics)
- Work Programmes of Horizon Europe
- European Defence Fund
- RTOs in Secure Societies

**WG Space**

Chair & Core Team: TNO, Fraunhofer, INEGI, imec, TECNALIA

2021 KEY ISSUES
- Mapping of technologies of the EARTO WG Space
- Input to Horizon Europe Partnership & Technology Platform on Space
- Collaboration with ESA: ESA GCC model subcontract, ESA Harmonisation of Technologies

Cooperation with EC DGs & other Stakeholders
- DG R&I, DG GROW, DG REGIO, DG SANTE, DG CONNECT
- MedTech Europe, EFPIA, COCIR, Vanguard Initiative

Cooperation with EC DGs & other Stakeholders
- DG DEFIS, DG R&I, DG CONNECT, DG HOME
- EDA, IMG-S, CEN CENELEC, EIB, Seren 4

Cooperation with EC DGs & other Stakeholders
- DG DEFIS, DG GROW, DG R&I
- ESA, ESTEC, EASN, Eurospace, SME4Space
EARTO welcomed 3 new members in 2021: AIMPLAS (ES), ICENT (HR), LEI (LT)
Interested in more information? Please contact EARTO Secretariat.

Our Membership Categories following our statutes:

**Category 1 - Full European Members**
- Individual Full European Members
- Association Full European Members

**Category 2 – International Members**

**Category 3 - Associated Members**

For more details on those categories, please see our [website](#).
EARTO Services to its Members

- Central point of contact: EARTO Secretariat based in Brussels
- Targeted information on the development of future EU Research & Innovation funding programmes and procedures
- A platform for discussion and exchange of best practices for RTO
- A strong network with the relevant European Institutions and stakeholders
- Support and/or initiate common positions on key EU dossiers
- Additional public exposure of its members
Contact details

European Association of Research and Technology Organisations AISBL
Rue Joseph II 36-38 – 1000 Brussels
Enterprise N° 0465.567.732 (RPM Brussels)
Tel +32 2 502 86 98
Email earto@earto.eu
Website www.earto.eu
LinkedIn EU FrameworkProgrammes – News and Views
Twitter @EARTOBrussels