



# **EARTO Annual Report 2021**

*Strengthening the RD&I  
landscape to ensure European  
Green and Digital Recovery*



# Highlights 2021

- **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, CESAER & 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

(eCorda data October 2020)



# EARTO Communication



**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 active in 4 EC HLGs:** DG GROW EU Industrial Forum, DG CLIMA EU Sustainable Finance Platform, DG R&I EIC Board, DG REGIO I3 Expert Group

# EARTO Innovation Awards 2021



PRIZE  
**1<sup>ST</sup>**

**Flying-phones in  
your smart hands**



PRIZE  
**2<sup>ND</sup>**

**Motion  
without limits**

**tecnal:a**  
MEMBER OF BASQUE RESEARCH  
& TECHNOLOGY ALLIANCE



PRIZE  
**3<sup>RD</sup>**

**3D printed parts  
from organic raw materials**



PRIZE  
**1<sup>ST</sup>**

**European Technology  
will be MagIC**



PRIZE  
**2<sup>ND</sup>**

**From waste to  
wonderful**



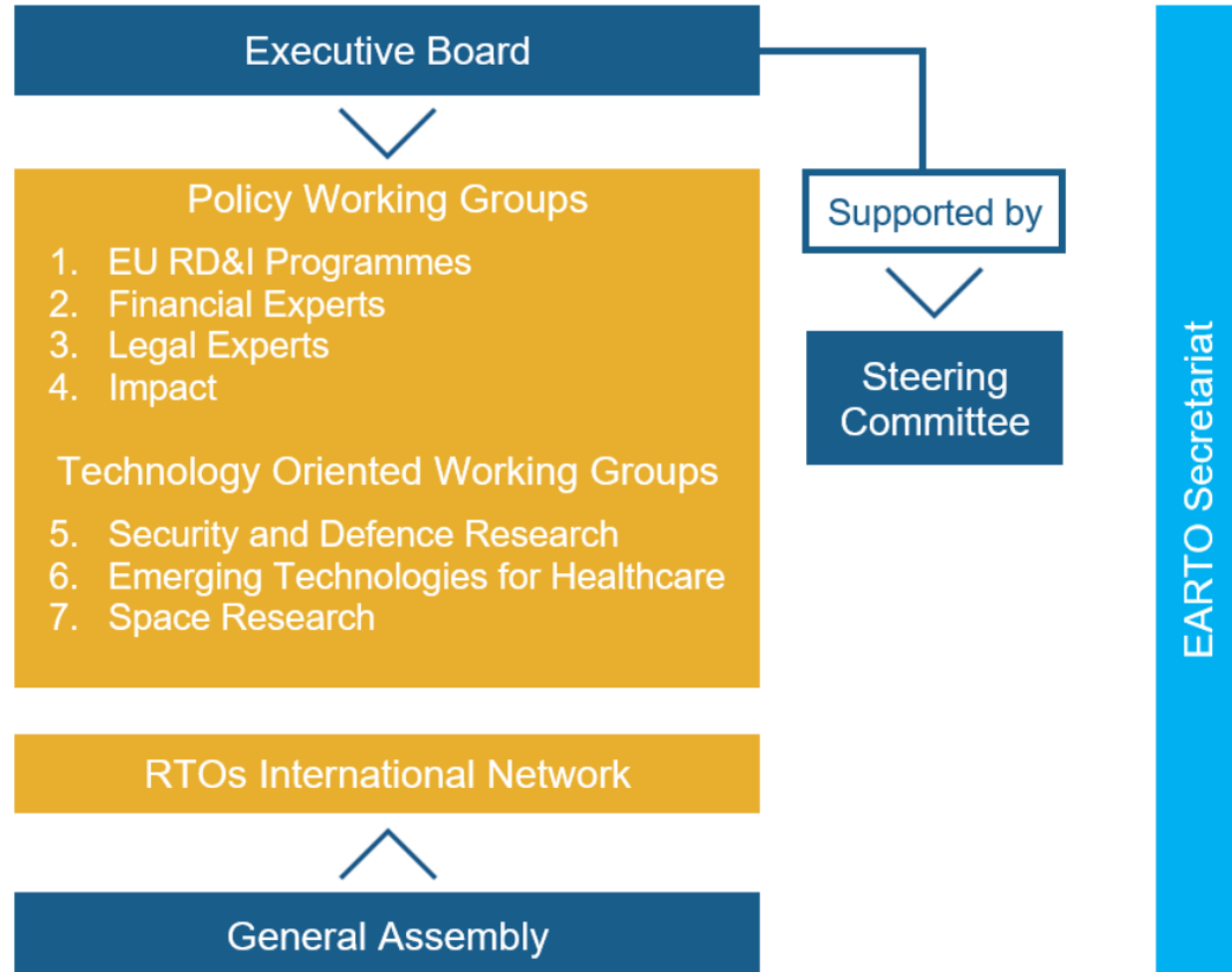
PRIZE  
**3<sup>RD</sup>**

**Personalised skin on  
demand**





# EARTO Structure



## 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





# EARTO Board 2021

(Order of entering, without exiting members)

Country	Name	Organisation
CH	Harry Heinzelmann	CSEM
CY	Tasos Kounoudes	SignalGenerix
DK	Ragnar Heldt Nielsen	GTS
ES	Aureo Díaz Carrasco	FEDIT
FI	Antti Vasara *	VTT
NL	Paul de Krom *	TNO
SI	Jadran Lenarčič	JSI
FR	Bertrand Bouchet *	CEA
BE	Dirk Torfs	Flanders Make
IT	Roland Psenner	EURAC
NO	Nils Rokke	SINTEF
AT	Sonja Sheikh	ACR
DE	Mathias Rauch *	Fraunhofer Gesellschaft
IE	William Scanlon	Tyndall
LT	Gintaras Valusis	FTMC
LU	Thomas Kallstenius	LIST
PT	João Claro	INESC TEC
SE	Pia Sandvik *	RISE
UK	Clive Hickman	MTC
PL	Piotr Dardziński	Łukasiewicz Network

**\* Steering Committee members**

**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**

**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

## Cooperation with EC DGs & other Stakeholders

- DG R&I, DG BUDG
- ECA
- EP (ITRE, BUDG, CONT)
- Members States' Horizontal NCPs
- Accountancy Europe





# 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

### Cooperation with EC DGs & other Stakeholders

- DG R&I, DG GROW, DG REGIO, DG SANTE, DG CONNECT
- MedTech Europe, EFPIA, COCIR, Vanguard Initiative

## WG Security & Defence Research

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

### PAPER PUBLISHED IN 2021

1. **EARTO WG Security & Defence Paper: Towards Capability Driven Approaches across Security Sectors**

### 2021 KEY ISSUES

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

### Cooperation with EC DGs & other Stakeholders

- DG DEFIS, DG R&I, DG CONNECT, DG HOME
- EDA, IMG-S, CEN CENELEC, EIB, Seren 4

## 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 DEFIS, DG GROW, DG R&I
- ESA, ESTEC, EASN, Eurospace, SME4Space



# New EARTO Members 2021

**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](mailto:earto@earto.eu)

Website [www.earto.eu](http://www.earto.eu)

LinkedIn [EU Framework Programmes – News and Views](#)

Twitter [@EARTOBrussels](#)