

European Association of Research and Technology Organisations

# 2018 PREPARING EUROPE'S RESEARCH & TECHNOLOGY POLICIES POST-2020

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Challenging from the outset, 2018 has been the year of the publication of all the European Commission's proposals for the post-2020 programming period. From the EU long-term budget to Horizon Europe, the next EU Programme for RD&I, but also for Digital Europe, Space and Defence Programmes as well as ESI Funds, EARTO ensured that the voice of RTOs was heard by EU policy makers. In this context, EARTO's collaboration with the EU institutions has been timely and efficient, with very satisfying results achieved so far that will ensure RTOs active participation in EU programmes post-2020 with the proper framework conditions. 2018 has also been a year of growing partnerships with many other industrial and research stakeholders, jointly advocating a competitive RD&I ecosystem which will foster strong cross-border collaboration with a coherent RD&I budget at the level of the EU's ambition. EARTO thanks all its partners for the successful collaboration and looks forward to continuing and strengthening those partnerships. For 2019, EARTO and its members are fully committed to make sure that research and technology are set as THE priority in the post-2020 EU budget and programmes.

**Frank Treppe**, EARTO President, Managing Director Political and International Affairs, Fraunhofer-Gesellschaft

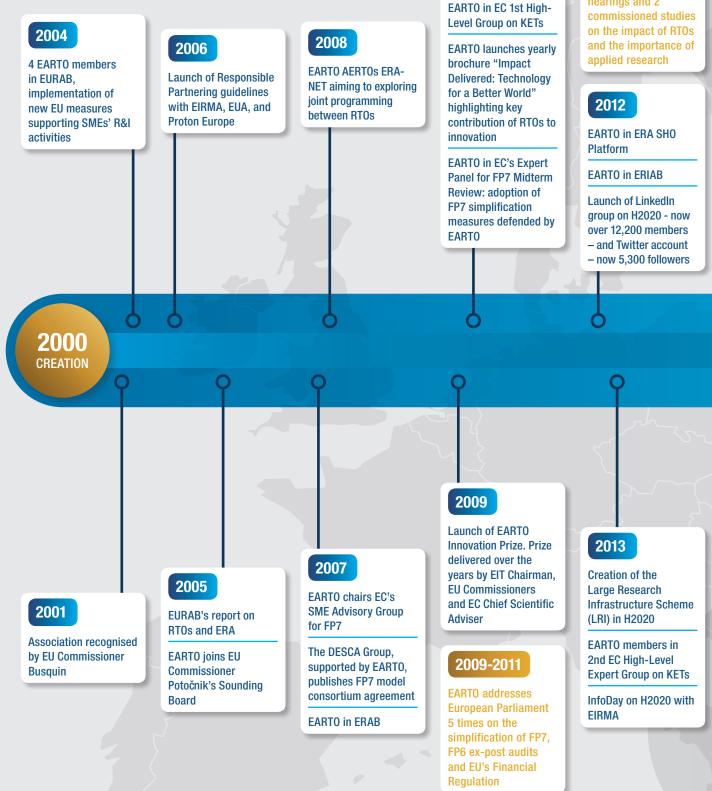
Defining the shape and size of the next EU Programmes lays the foundations for all the future European RD&I activities: we need to get things right and well balanced. EARTO is there to make sure of that. To do so, EARTO built close collaboration with EU policy-makers, and its members sit in many EU advisory bodies shaping the future of EU R&I and Industrial policy, such as the High-Level Industrial Roundtable "Industry 2030". Looking ahead at the years to come, it is key to drive the development of innovation hubs with sustainable technology infrastructures along key industrial value-chains. This will enable our European industries to strengthen their capacities to absorb and scale up technologies into new products and services, maximising RD&I impact. Our network continuously strives to demonstrate such impact, which clearly shows how essential RD&I investments are today for the European economy and society.

Antti Vasara, EARTO Vice-President, Chief Executive Officer, VTT

At a time when all the post-2020 programmes are being shaped, EARTO has also a key role to ensure that the broader framework conditions in the EU are set to foster European RD&I collaboration. From the European data sharing policies to the financial and state aid rules, RTOs experts involved in the various EARTO working groups define and advocate their common positions. They are providing practitioners' input and expertise to EU Institutions. By acting together sharing their expertise within EARTO, large and small RTOs, are making a difference in Brussels. In 2018, EARTO experts have been very dedicated to make sure that the extension of the Public Sector Information directive to research data was done in a balanced way, with great success. Over the years, thanks to its members' active involvement and strong commitment, EARTO has successfully fulfilled its mission to ensure that the EU is providing the proper framework settings in which RTOs can strive. EARTO network keeps growing with new active members every year, ensuring a promising future for European RTOs.

Ernst Kristiansen, EARTO Treasurer, Vice-President Research, SINTEF





# 2010-2013

EARTO's 3-year campaign for an adequate H2020 & EU Financial Regulation implementation: 15 position papers, over 30 meetings with the EC, 5 speeches at European Parliament hearings and 2 commissioned studies on the impact of RTOs and the importance of applied research

2010







# 2018

- EARTO shares its position on EU post-2020 programmes: Horizon Europe, Digital Europe, Space, Defence, Structural Funds
- 2nd joint declaration for an appropriate HEU budget at the level of EU's ambitions backed by 25 Industry & RTOs associations
- EARTO joins forces with key EU R&I stakeholders to voice concerns on the extension of the Public Sector Information (PSI) directive to research data
- EARTO & Vanguard Initiative publish a joint statement on Synergies post-2020
- EARTO launches its 2nd Economic Footprint Study at EARTO Impact Day
- EARTO organises an Innovation School on FP Simplification and provides input to the EU Court of Auditors for their audit on H2020 Simplification
- Commissioner Moedas and Portuguese R&I Minister Heitor speak at EARTO Policy Event, Norwegian R&I Minister Nybø speaks at EARTO Annual Conference
- EARTO CEOs meet with new EC DG RTD Director General Jean-Eric Paquet
- EARTO in 4 HLG on Industry 2030, Important Projects of Common European Interest (IPCEI), Artificial Intelligence and the Open Science Policy Platform (OSPP)
- Launch of 2 new EARTO Working Groups on Impact and Space Research



EARTO EVENTS



EARTO active on State Aid Rules Revision

2014

EARTO ERRIN paper on Synergies ESIF/H2020

1st feedback paper on H2020 1st calls with IGL0

EARTO Recommendations for Future EU Innovation Policy

1st Letter to EC President Juncker against cuts to H2020 in EFSI



2016

to Commissioner Moedas EARTO addresses EP

on H2020 Midterm Review, EIC and EU auditing policy

EARTO contributes to various EU discussions on ESIF Simplification and post-2020 programming period

Launch of two new technology oriented Working Groups: MedTechs and European Data Space

## 2015

EARTO, CESAER, EUA, LERU and Science Europe Joint Statement on EFSI

EARTO CEOs meet EU Commissioners Moedas & Crețu

Launch of EARTO 1st Innovation School, with two editions in 2015

Signature of MoU with JRC

Launch of EIB InnovFin Advisory Services on RTOs and joint WG with EIB

# 2017

EARTO in EC 3rd High-Level Group on KETs

EARTO strengthens its collaboration with EIB, EIT, JRC and OECD

EARTO presents its views to the EC HLG on maximising impact of EU R&I Programme, the HLG H2020 Midterm Review, the EESC Midterm Review panel, and the HLG ESIF Simplification

# **COMMUNICATION & POSITIONING** IN FIGURES



58 ARTICLES ON KEY DOSSIERS, IN EARTO NEWSLETTERS 68 ARTICLES PUBLISHED

TWITTER & LINKEDIN ACCOUNTS GATHER MORE THAN

ON WEBSITE NEWS SECTION

5,300 FOLLOWERS

12,200 members

y in.



EARTO ATTENTED 95 Events AND SPOKE IN 59 Events



#### EARTO IN

**4 HIGH-LEVEL GROUPS** ON INDUSTRY 2030, IMPORTANT PROJECTS OF COMMON EUROPEAN INTEREST (IPCEI), ARTIFICIAL INTELLIGENCE, AND THE OPEN SCIENCE POLICY PLATFORM (OSPP)





#### 8 ACTIVE WGS 80%

OF MEMBERS ACTIVELY INVOLVED IN OUR WGs



23 EU COUNTRIES ACTIVE IN OUR WGS



EARTO WGS WELCOMED **25 SPEAKERS** FROM EU INSTITUTIONS



BOARD & STEERING COMMITTEE COMBINED HAVE MET **6** TIMES (2 BOARD + 4 STCO)



# **EU Influence**

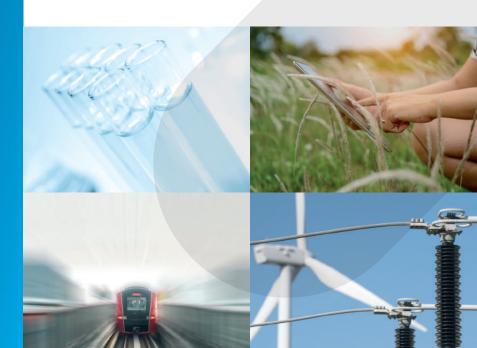
- > Voice the need of an ambitious EU budget for RD&I
- > Work with EU Institutions to prepare the post-2020 programmes: Horizon Europe, Digital Europe, Space, Defence, Structural Funds
- Work with ECA, EP and EC auditors on FP Simplification and new HEU Rules for Participation
- Work with EU institutions on the EU R&I Legal Framework for efficient EU data sharing policy (PSI directive & HEU)
- Meetings with EC Vice-President Katainen, Industrial Policy Commissioner Bienkowska and Director General Lowri Evans, R&I Director General Jean-Eric Paquet and Commissioner Moedas Cabinet, Budget Commissioner Oettinger Cabinet, Regional Policy Commissioner Creţu Cabinet
- Collaboration with the OECD: data on RTOs, knowledge transfer, spin-offs' creation, technology infrastructures
- Collaboration with the JRC: EARTO in the board of the TTO Circle, EARTO in JRC expert group on State Aid for RD&I

# Promoting RTOs and their reputation

- 3 EARTO Special Events: EARTO Impact Day, Innovation School on "H2020 Simplification: Towards Horizon Europe Rules for Participation", Workshop with EC on Technology Infrastructures
- 2nd EARTO Economic Footprint Study highlighting the Impact of European RTOs
- Raised RTOs' profile highlighting members' success stories at our Innovation Awards Ceremony, with its brochure and press releases
- Public profiling speaking at 59 events in the EU and beyond by EARTO secretariat or EARTO experts

# Networking with other stakeholders

- Annual Conference in Oslo: 250 participants, hosted by FFA, NOFIMA and SINTEF
- Policy Event and Innovation Awards ceremony in Brussels: More than 250 participants. 2 Winners: VTT and Helmholtz
- Collaboration with 25 EU Industry associations for an ambitious industrial research in HEU
- Collaboration with 4 Key R&I Stakeholders organisations to voice concerns on the extension of the Public Sector Information (PSI) directive to research data
- > Collaboration with ERRIN and the Vanguard Initiative on Synergies post-2020
- EARTO attended & reported on 95 EU related events





# **IMPACT DELIVERED**







EARTO MEMBERS' TOTAL APPROVED PARTICIPATIONS: 5528



€ 16.7 bn EC FUNDING (OUT OF €38.7 bn)



**O** 0 61 %

OF THE FUNDING SPENT SO FAR IN PILLAR II -INDUSTRIAL LEADERSHIP HAS BEEN GIVEN TO PROJECTS WITH EARTO MEMBERS (54% FOR PILLAR III -SOCIETAL CHALLENGES)

# WORKING GROUPS IN 2018

To define common positions and exchange best practices, EARTO has fixed and temporary Working Groups. Throughout 2018, 5 Policy WGs and 3 Technology Oriented WGs were running, as well as one temporary WG on RTOs' working with SMEs.

# **POLICY** WORKING GROUPS

# WG: EU Framework Programme

Chair: EARTO Secretariat

- 55 ACTIVE EXPERTS
- 4 MEETINGS IN 2018
- 15 EU INSTITUTIONS' SPEAKERS IN WG MEETINGS
- 1 WORKSHOP WITH EC ON TECHNOLOGY INFRASTRUCTURES

#### 1 WORKSHOP ON RTOS' WORK WITH SMES

- Regular meetings with high-level EC representatives
- One high-level lunch with new DG R&I
  Director General
- EARTO speaker at many relevant H2020
  & HEU-related events

#### 7 PAPERS PUBLISHED IN 2018

- Boosting Europe's Future Competitiveness as Key Priority for FP9 - 2nd Joint Declaration by Industry and RTOs
- EARTO's Call to Secure an Increased R&I Budget at the Level of Europe's Ambitions
- EARTO Paper on European Innovation Hubs: An Ecosystem Approach to Accelerate the Uptake of Innovation in Key Enabling Technologies
- EARTO Recommendations on EC Proposal for HEU
- EARTO Analysis of HEU EC Proposal Regulation & Rules for Participation
- EARTO Analysis of HEU EC Proposal Decision Specific Programme
- EARTO Analysis of Digital Europe EC
  Proposal

# Cooperation with EC DGs & other Stakeholders

DG R&I, DG CONNECT, DG GROW, DG JRC, European Political Strategy Centre, EP (ITRE), Business Europe, Digital Europe and more than 20 other Industry associations

#### **KEY ISSUES FOR 2019**

- MFF & EU budget for R&I
- HEU: KETs, Partnerships, Missions, EIC Pathfinder, EIT, etc.
- FP Simplification
- RD&I ecosystems and Innovation Hubs
- Digital Europe Programme
- Technology Infrastructures

#### WG: Legal Experts

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

#### 20 ACTIVE EXPERTS

- 4 MEETINGS IN 2018
- 3 EU INSTITUTIONS' SPEAKERS IN WG MEETINGS
- 5 MEETINGS OF WG CORE TEAM WITH EC, EP AND COUNCIL
- EARTO in JRC expert group on State Aid for RD&I
   EARTO encoder of EC begring on BSI
- EARTO speaker at EC hearing on PSI directive

#### 6 PAPERS PUBLISHED IN 2018

- EARTO Background Note Openness of Government Data and Innovation Performance
- EARTO Background Note on Repayable Advances
- EARTO Analysis of HEU EC Proposal Regulation & Rules for Participation – legal aspect
- EARTO Analysis of EC Proposal revising the EU Directive on the re-use of public sector information
- EARTO Position Paper on EC Proposal for a revised PSI Directive
- Joint Statement on the Revision of the Public Sector Information Directive

# Cooperation with EC DGs & other Stakeholders

DG R&I, DG CONNECT, DG GROW, DG COMP, DG TRADE, DG JRC, EP (ITRE), DigitalEurope, BusinessEurope, EUA, Science Europe, CEN CENELEC

#### **KEY ISSUES FOR 2019**

- Data sharing: revision of the PSI Directive, HEU data sharing rules, Competitiveness Council conclusions, EU Open Science Cloud, FP Data Management Plan
- EU State-aid rules: implementation and preparing revision
- Intellectual Property Rights, Standard Essential Patents & Standardisation
- Simplifying EU Pre-Commercial
  Procurement
- Repayable Advances

#### **WG: Financial Experts**

**Chair & Core Team:** TNO & AIT, CEA, DTI, Fraunhofer, VTT

- 50 ACTIVE EXPERTS
- 3 MEETINGS IN 2018
- 4 EU INSTITUTIONS' SPEAKERS IN WG MEETINGS
- 2 CORE TEAM WORKSHOPS TO PREPARE WG POSITION ON HEU
- 1 EARTO INNOVATION SCHOOL ON "H2020 SIMPLIFICATION: TOWARDS HEU RULES FOR PARTICIPATION"
- 4 MEETINGS OF WG CORE TEAM WITH EP, EC AND ECA
- EARTO speaker at EC workshop
  on FP Simplification

#### 2 PAPERS PUBLISHED IN 2018

- EARTO Recommendations for FP9 Rules for Participation: Funding Rules
- EARTO Analysis of HEU EC Proposal Regulation & Rules for Participation – financial aspect

## Cooperation with EC DGs

#### & other Stakeholders

DG R&I, DG BUDG, ECA, EP (ITRE, BUDG, CONT), ANRT

#### **KEY ISSUES FOR 2019**

- HEU Rules for Participation (financial aspects)
- FP simplification: cross-reliance of audits, usual cost accounting practices, system audit, cost models, allocation keys
- HEU implementation: Model Grant
  Agreement
- Simplified cost option: feedback on H2020 Lump Sum pilots
- Cascade funding







#### **WG: Structural Funds**

Chair & Core Team: Tecnalia & EURAC, TWI

#### **15** ACTIVE EXPERTS

#### 1 MEETING IN 2018

#### 2 EU INSTITUTIONS' SPEAKERS IN WG MEETING

 EARTO speaker at EC workshop on "Synergies between H2020 and ESIF"

#### 2 PAPERS PUBLISHED IN 2018

- EARTO Analysis of EC Proposal for a Regulation laying down common provisions on the ERDF, the ESF+, the CF, and the EMFF
- EARTO & Vanguard Initiative Statement on Synergies Post-2020

#### **Cooperation with EC DGs & other Stakeholders**

DG R&I, DG REGIO, DG JRC, DG CONNECT, ERRIN, Vanguard Initiative, Committee of the Regions, EP (REGI)

#### **KEY ISSUES FOR 2019**

- Post-2020 Cohesion Policy
- Synergies ESIF-HEU incl. Interreg Component 5, Transfer of Cohesion resources to other EU Programmes
- ESIF Simplification incl. state aid issues

#### WG: Impact

Chair: EARTO secretariat

**30** ACTIVE EXPERTS

1 MEETING IN 2018

#### 1 EARTO IMPACT DAY

· EARTO speaker at OECD TIP meeting

#### **1** PAPER PUBLISHED IN 2018

• EARTO Economic Footprint Study: Impact of 9 RTOs in 2015-2016

#### Cooperation with EC DGs & other Stakeholders

OECD, DG Rv&I, DG JRC, EUROSTAT

#### **KEY ISSUES FOR 2019**

- Demonstrating the impact of RTOs
- Work towards official OECD and EUROSTAT data on RTOs, with coherent categorisation of RTOs in official databases
- Organising EARTO data collection
- Collaboration with OECD on common topics: knowledge transfer and spin-offs' creation, RD&I Intermediary organisations, RD&I financing models, RD&I infrastructures
- HEU Impact Pathways

# **TECHNOLOGY ORIENTED WORKING GROUPS**

#### WG: Security Research Chair: CEA

#### 15 ACTIVE EXPERTS

#### 5 MEETINGS IN 2018

- Organisation of SMIIG
- Development of joint project proposals
- Collaboration with EDA

#### **1** PAPER PUBLISHED IN 2018

• EARTO Analysis of EC Proposal for a Regulation establishing the European Defence Fund

# Cooperation with EC DGs & other Stakeholders

DG R&I, DG CONNECT, DG HOME, EDA, IMG-S, CEN CENELEC, EIB, EOS

#### **KEY ISSUES FOR 2019**

- European Defence Fund
- Input to HEU (security & defence related topics) and EU Defence programme
- Ensuring RTOs' access to H2020 Security Work Programme
- Designing PADR and ERDP
- Following Group of Personalities
- Recommendations for next programming period

#### WG: MedTech Chair: CEA

#### **25** ACTIVE EXPERTS

#### 2 MEETINGS IN 2018

- EU INSTITUTIONS' SPEAKER IN WG MEETINGS
- Speaker at RTO Innovation Summit
- Development of ESTHER Platform

# Cooperation with EC DGs & other Stakeholders

DG R&I, DG GROW, DG REGIO, DG SANTE, DG CONNECT, MedTech Europe, ESTHER, Vanguard Initiative

#### **KEY ISSUES FOR 2019**

- Health PPP
- Input to HEU (health related topics)
- Linking with Medtech SMEs
- Developing ESTHER platform
- Influencing health Work Programme
- Role of Medtech RTOs in HEU

#### **WG: Space Research**

Chair & Core Team: CSEM & Fraunhofer, TNO

#### 28 ACTIVE EXPERTS

#### 3 MEETINGS IN 2018

Participation in EC Space consultation
 platform

#### 1 PAPER PUBLISHED IN 2018

• EARTO Analysis of EC Space Programme Legislative Proposal

#### Cooperation with EC DGs & other Stakeholders

DG GROW, DG R&I, ESA, ESTEC

#### **KEY ISSUES FOR 2019**

- Input to HEU (space related topic)
- Mapping of technologies of the EARTO WG Space
- JTI Space STEPP
- ESA GCC model subcontract
- EU Space programme





EARTO WELCOMED **3** NEW MEMBERS IN 2018

INL (ES-PT), SRC (CA) and EDC (PL)

# **Our Membership Categories are**

- Individual Members: organisations established in EU or "Associated Country" in the meaning of the EU Framework Programme for Research and Technological Development and which as their predominant activity provide research and development, technology and innovation services and which are managerially independent. EARTO services accessible: all the services of the secretariat without restriction.
- Association Members: not-for-profit national/regional/sectoral RTOs associations established in the European Union or European Economic Area or in an "Associated Country" in the meaning of the EU Framework Programme for Research and Technological Development and whose members are predominantly organisations which meet the conditions for individual membership and whose membership is broadly representative of the industrial research and development, technology and innovation sector in the territory, sector or other sphere of activity of the said association. EARTO services accessible: Only the "secretariat" of the association stricto sensu shall enjoy the rights of EARTO membership (i.e. Association cannot send its members to participate to EARTO WGs).
- **Corresponding Members:** industrial research and technology organisations which are established in countries which have a co-operation agreement with the European Union concerning science and technology and which otherwise meet the conditions of individual membership. EARTO services accessible: Newsletter service, participate to EARTO general events, can join one Working Group, do not have voting rights.
- Honorary Members: individuals or organisations which do not qualify for membership of the Association and which by their activities, by financial contributions or by other means make a significant contribution to the fulfillment of the purpose of the Association. EARTO services accessible: Newsletter service, participate to EARTO general events, can join one Working Group, do not have voting rights.

## **Our Yearly Events**

To foster networking between members and exchanges with external partners, EARTO organises a number of internal meetings (Executive Board, Steering Committee, Working Groups) and public events. Yearly public events include:

- One Annual Conference with some 250 participants, co-hosted by one EARTO member in its own country, rotating every year. In 2018, 3 Norwegian EARTO members FFA, NOFIMA and SINTEF kindly hosted the event in Oslo.
- One **Policy Event** in Brussels discussing EU R&I Policy with some 250 participants, followed by the **Innovation Awards Ceremony** in the evening, where EARTO members compete for the prize for best innovation of the year (two categories: Impact Delivered & Impact Expected).
- Innovation Schools: EARTO launched in 2015 a new set of events, the Innovation Schools, specially dedicated to EU policy-makers from EC, EP and Member States. This year's session was focused on "H2020 Simplification: Towards Horizon Europe Rules for Participation".

# **Our Daily EU Policy & Press Monitoring**

- EARTO Newsletter, which includes outcome of Working Groups' meetings, policy developments and reporting of events.
- EARTO website's news section updated regularly with information from the monitoring of over 50 websites of EU Institutions and key press.
- Twitter (5,300 followers) & EARTO LinkedIn Group on Horizon 2020 (12,200 members).
- EARTO Members' Area containing all EARTO newsletters, WGs documents and non-public policy documents gathered as a result of networking efforts.

## **Our Meeting Room & Flexible Working Space**

Our meeting room is available to members for meetings of up to 12 participants under a small compensation (€250/day, lunch arrangements extra). Members needing a larger meeting room in Brussels are welcome to contact the EARTO Secretariat for assistance. In addition, EARTO has an extra one-person working space for its members to use whenever in Brussels.

# **EARTO Secretariat**

Muriel Attané, Secretary-General Kadija Taffah, Deputy Secretary-General, Membership and Communications Erwan Kermadec, Senior Policy Officer Sophie Viscido, Senior Policy Officer Steffi De Meester, Administrative & Communication Assistant attane@earto.eu taffah@earto.eu kermadec@earto.eu viscido@earto.eu secretariat@earto.eu

# VISION

A European research and innovation system without borders in which RTOs occupy nodal positions and possess the necessary resources and independence to make a major contribution to a competitive European economy and high quality of life through beneficial cooperation with all stakeholders.

# EARTO MISSION

To promote and defend the interests of RTOs in Europe by reinforcing their profile and position as key players in the minds of EU decision-makers and by seeking to ensure that European RD&I programmes are best attuned to their interests; to provide added-value services to members to help them to improve their operational practices and business performance; to provide members with information and advice to help them make the best use of European RD&I programmes funding opportunities.



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