HOW EARTO CAN SUPPORT THE DEVELOPMENT OF INNOVATION ECOSYSTEMS IN EUROPE

CASE: JOŽEF STEFAN INSTITUTE - 10 YEARS IN EARTO

JADRAN LENARČIČ

DIRECTOR JOŽEF STEFAN INSTITUTE EARTO BOARD MEMBER





THE EUROPEAN ASSOCIATION OF RESEARCH & TECHNOLOGY ORGANISATIONS

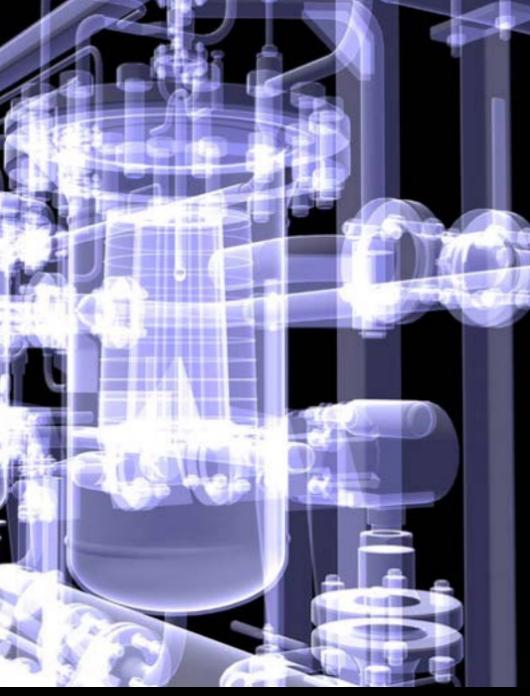
More than 350 RTOs Public-private not-for profit organisations 23 countries

Bringing together key players from across the innovation chain

LINK research, innovation and development TRANSFER to private sector and society

EARTO Vision: Technology for a Better World EARTO Moto: Impact Delivered





MEMBERS

FRAUNHOFER Germany VTT Finland TECNALIA Spain TNO The Netherlands CEA France CATAPULT UK SINTEF Norway DANISH TECHNOLOGICAL INSTITUTE DK JOANNEUM RESEARCH Austria

> JOŽEF STEFAN INSTITUTE Slovenia (since 2006)

IMPACT DELIVERED



Industrial biotech



Drug development



3D media



Health



Fraud detection



Value-added forestry



Green shipbuilding

IMPACT DELIVERED



Port security



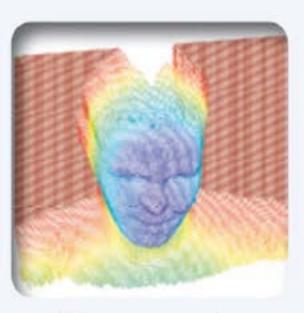
Predicting Alzheimer's



Food hygiene



Perfect chocolate



Hyper-accurate



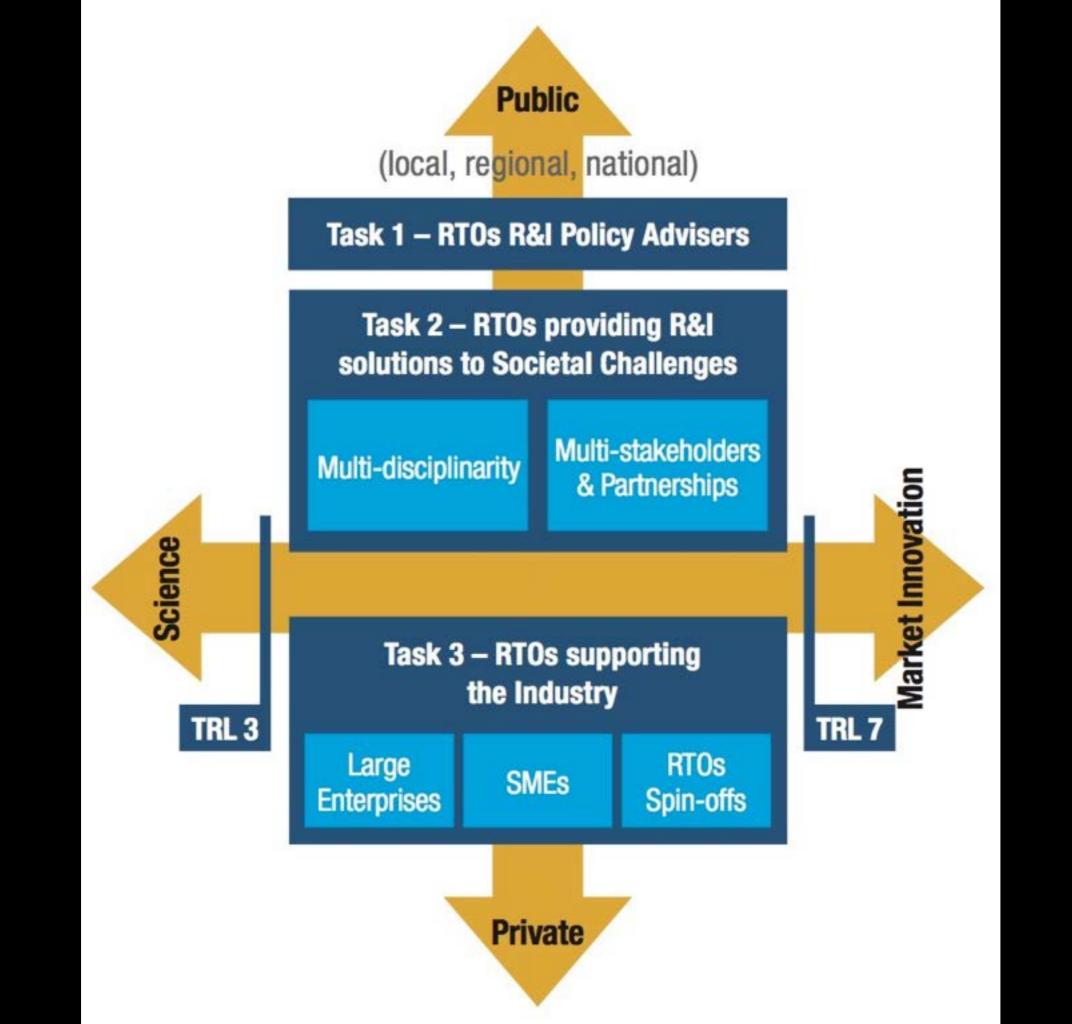
Green manufacturing



Educational testing



Flood prevention





For each job in the RTOs, another 3 jobs are created elsewhere

For each euro invested in the form of operational grants, almost 4 euro flow back to the national governments



EARTO SERVICES

Represents the interests of RTOs towards European institutions

Dialogues with key persons in the European institutions (EC, PARLIAMENT)

Produces policy papers and press statements, testifies before official committees and evaluation panels, participates in expert groups, etc.

EARTO offers its members information services and opportunities for professional networking and mutual learning



POLICY WORKING GROUPS HORIZON 2020 STRUCTURAL FUNDS COOPERATION WITH EIB EUROPEAN INNOVATION COUNCIL EIC

FRAMEWORK SETTING WORKING GROUP

FINANCIAL EXPERTS LEGAL EXPERTS HUMAN RESOURCES COMMUNICATION EXPERTS

TECHNOLOGY ORIENTED WORKING GROUPS SECURITY RESEARCH EMERGING TECHNOLOGIES FOR HEALTHCARE

- EARTO Paper on Open X 18 November 2015
- 2015 EARTO Innovation Awards brochure 15 October 2015
- EARTO Paper The European Innovation Council A New Framework for EU Innovation Policy - 9 October 2015
- EARTO Letter to Mr Juncker on Appointment Adviser on Innovation 25 June 2015
- EARTO Annual Report 2014 May 2015
- EARTO Open Letter to European Parliament on EFSI 24 April 2015
- EARTO Paper Data on European RTOs 13 March 2015
- EARTO Amendments to the European Commission's Proposal for Regulation on the European Fund for Strategic Investments (EFSI) 11 February 2015
- EARTO Answer to EC Consultation on Patents and Standards 26 January 2015
- CESAER, EARTO, EUA, LERU, Science Europe Joint Statement on Juncker Investment Fund - 23 January 2015link





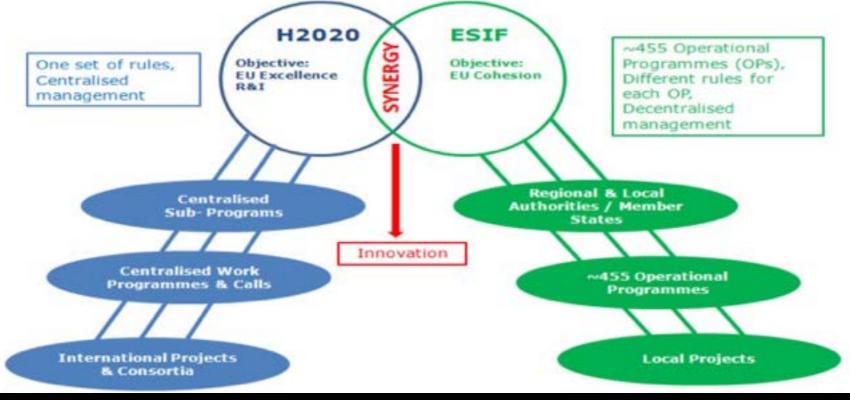
1/3 RTOs beneficiaries in FP714 RTOs in top 50J. STEFAN 37th - European Research Ranking (25%)

Access for RTOs is limited

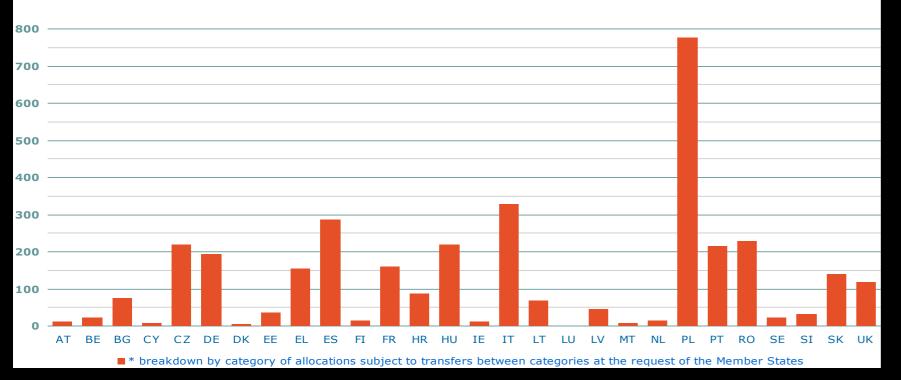


ESIF - RTOs natural partners Slovenia - first call in progress - still to be seen

MISUNDERSTANDINGS ASSOCIATED WITH innovation needs systematic and persistent instruments innovation cannot be based only on SS mission SS - increase efficacy to reduce disparities



Total EU allocations of cohesion policy 2014-2020* (billion €, current prices)



Different missions Different funding tools coming in a different TRL Different timing

ERRIN - EARTO COMMENTS ERRIN: European Regions and Innovation Network

Support and concern:

a - COHERENCE OF INSTRUMENTS NEEDED

b - SHOULD NOT BE USED AS CRITERION FOR H2020

Member of EARTO

NATURAL SCIENCES ENGINEERING LIFE SCIENCES

960 employees750 researchers400 Ph. D.12-15% foreign

65% source in national budget (all competitive)
25% international
10% direct contracting
ESIF NOT TAKEN INTO ACCOUNT

SECHNCELANEY THECHSIC ENGE



SOCIETAL IMPACT





UNIVERSITY OF NOVA GORICA



INTERNATIONAL POST. SCHOOL OF JOŽEF STEFAN





TECHNOLOGY PARK LJUBLJANA

cutting edg etechnologies

を読みる



FOCUS ON INTERNATIONAL COLLABORATION FOR ADVANCEMENT OF SCIENCE



AND

RESEARCH-BASED INNOVATION PRODUCTION TECHNOLOGY AND CONTROL COMMUNICATION AND COMPUTER TECHNOLOGIES KNOWLEDGE TECHNOLOGIES BIOTECHNOLOGY AND BIOMEDICINE NEW MATERIALS AND NANOTECHNOLOGIES ENVIRONMENTAL TECHNOLOGIES, ENERGETICS

IMPACT

Policy - professional basis and implementation Knowledge and technology transfer

joint planning joint R&D projects

production of innovative human resources

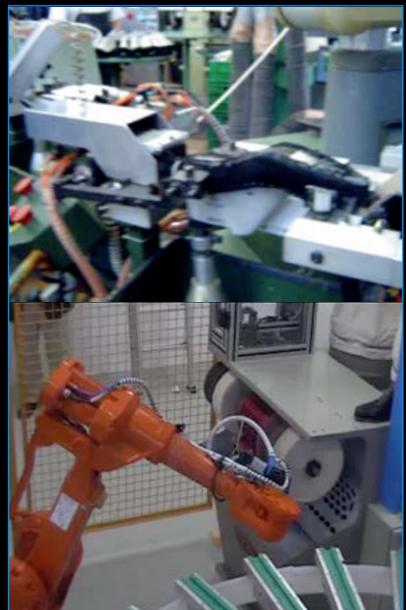
international integration

Spin-out (off)

QUALITY CONTROL

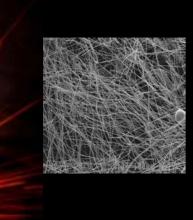


PRODUCTION OF SHOES



PRODUCTION OF TEA





FREQUENCY DIELECTRIC CERAMIC FILTER in the mobile telephony EPCOS, Nokia, Ericsson

VARACTOR IN MICROWAVE FIELD Manufacture of thin layers of barium strontium Hyb, Thales, EPLF, EADS

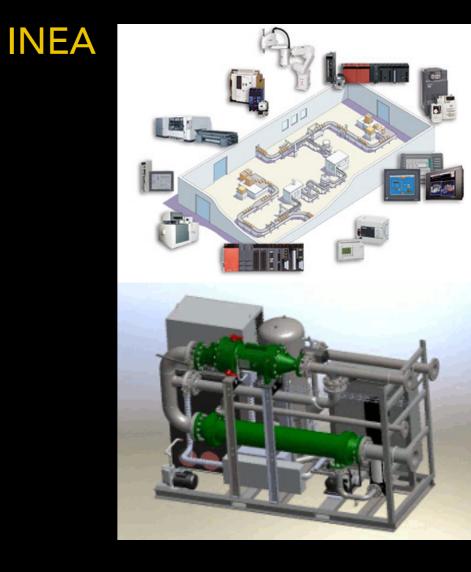
AIREUSARS

INNOVATION PRICE Glassworks Steklarna Hrastnik





BALDER BORN AT THE INSTITUTE



SCIENCE FOR BETTER WORLD





#