

## KEY HIGHLIGHTS

Austria has been participating very actively in partnerships and it has a strong commitment to European and international research collaboration. Researchers appreciate the participation in transnational projects. Austria's participation is highly beneficial for the further development of national R&I in the domains in question. For Horizon Europe, the Austrian RTI Strategy 2030 stipulates increasing participation in European Partnerships by following a more strategic approach at the national level and supporting participation with an efficiently coordinated portfolio of funding.

**70** H2020  
public  
partnerships (\*)

Or  
**70.71%**  
of total  
(99 partnerships)

**87** H2020  
public  
partnerships (\*)  
participations

Or  
**4.04%**  
of total

**8** H2020  
public  
partnerships (\*)  
coordinations

Or  
**8.08%**  
of total

Source: ERA-LEARN database (cut-off date June 2021), H2020 period (2014-2020) excluding EIT-KICs, EuroHPC and ECSEL

(\*) Horizon 2020 public-public partnerships include ERA-NET Cofund, EJPs, Art 185 initiatives and JPIs. Partnership participations: number of partnerships a specific country takes part as participant – for certain countries more than one national organisation may take part. Thus the participations may be more than the number of partnerships a country is part of. Total partnership participations: number of partners from a specific country participating with any role (i.e. coordinator, participant, observer, other) in partnerships. Partnership coordinations: number of partnerships a specific country coordinates.

**€93.57 million**

in actual national contributions in public partnerships  
during H2020 (2014-2020)

Or **4.30%** of total

**€1 940**

per researcher FTE (average between 2014-2019 based  
on EUROSTAT data)

Source: ERA-LEARN database (cut-off date June 2021), H2020 period (2014-2020)

Actual national contributions is the funding given by each country to cover the participation of national science and technology groups in the funded projects of the joint transnational calls launched by the public partnerships. Actual contributions for each researcher are the total actual contributions by a country divided by the number of researchers in the country estimated in full-time equivalents (FTE) average between 2014-2019 based on EUROSTAT data.

## KEY INTENTIONS FOR THE FUTURE

In Horizon Europe, Austria will continue its active participation in partnerships with a focus on strengthening national priorities and aligning with national programmes and priorities. Austria provided financial commitment to 13 partnerships in the first wave, for example industry driven initiatives such as Key Digital Technologies and also on partnerships addressing health topics or biodiversity. Austria is the lead for the co-funded partnerships Driving Urban Transition and Clean Energy Transition.

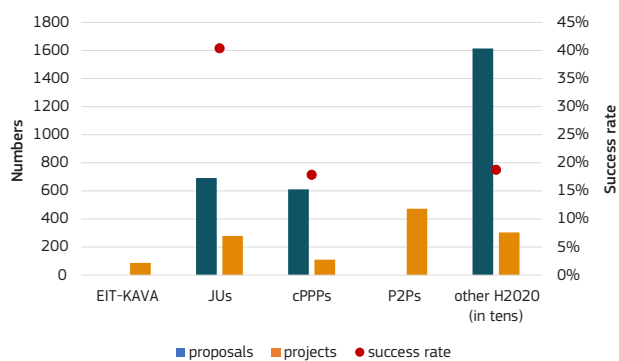


**TABLE 1: Distribution of funding under the different H2020 instruments (P2Ps, JUs, cPPPs and other H2020 projects, i.e. CSAs, RIAs, IAs, etc.) across thematic priorities**

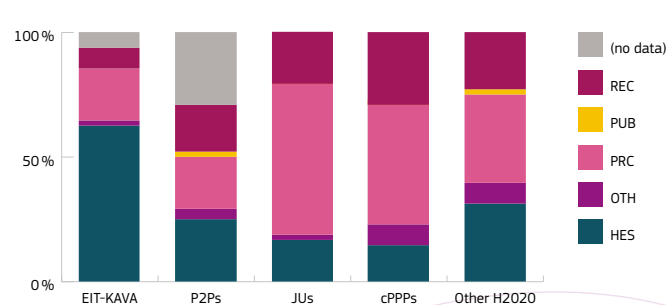
THEMATIC PRIORITIES	P2Ps PROJECTS	JUs PROJECTS	cPPPs PROJECTS	OTHER H2020 PROJECTS
Nanotechnologies, Advanced Materials, Advanced Manufacturing and Processing, Biotechnology	4.99 %	0.40 %	3.25 %	13.15 %
Climate action, environment, resource efficiency and raw materials	12.76 %	0.03 %	2.21 %	6.35 %
Europe in a changing world - inclusive, innovative and reflective Societies	3.37 %		5.32 %	8.67 %
Food security, sustainable agriculture and forestry, marine and maritime and inland water research	5.56 %	7.49 %		4.30 %
Future and Emerging Technologies	3.72 %		0.50 %	7.96 %
Health, demographic change and wellbeing	36.16 %	16.96 %		12.33 %
Information and Communication Technologies		36.69 %	83.85 %	15.78 %
Secure, clean and efficient energy	10.37 %	6.18 %	4.87 %	14.36 %
Smart, green and integrated transport	23.07 %	32.25 %		17.10 %
	100.00 %	100.00 %	100.00 %	100.00 %

Source: ERA-LEARN database (cut-off date June 2021) based on actual national contributions for P2Ps; eCORDA based on net EU contribution; values are calculated as the share of investments of the specific instrument in the specific theme in the total investments under the specific instrument

**FIGURE 1: Eligible proposals, projects and success rates**



**FIGURE 2: Types of project beneficiaries (%)**



Source: ERA-LEARN database for P2Ps (cut-off date June 2021); eCORDA for EIT-KAVA, JUs, cPPPs, other H2020 projects (RIAs, CSAs, etc.)

No proposal data for P2Ps, EIT-KICs (Figure 1). EIT-KAVA: KIC Added Value Activities; HES: higher education; OTH: other; PRC: private for-profit companies; PUB: public bodies; REC: research organisations (Figure 2)

The Austrian success rate in Horizon 2020 is amongst the highest in the EU. Concerning partnerships, Austria is very successful in industry driven initiatives like JUs and cPPPs. As an example, the JU ECSEL shows that even a small country like Austria can have a strong position by contributing to the European microelectronic research roadmaps and therefore can be very effective in related research and innovation projects.



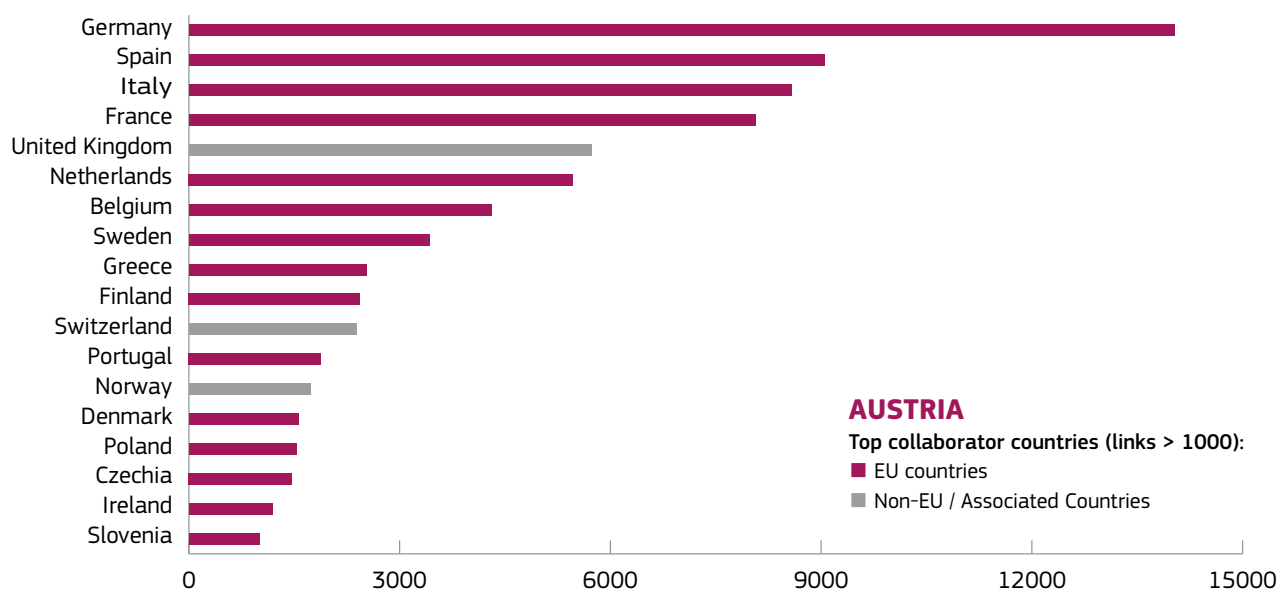
## IMPACT OF EU CONTRIBUTION

In terms of transnational cooperation, ERA-NET funding is seen as a door opener and an entry point to international cooperation, particularly for SMEs. The EU contribution has enabled the funding of additional projects and has allowed R&I collaboration in projects of European dimension.

## COMPLEMENTARY AND CUMULATIVE FUNDING

Austria has not use other EU funds for co-funding transnational calls so far. The partnership Clean Energy Transition can be seen in some context to the RRF-financed Austria participation in the first wave of IPCEI Hydrogen. Austria builds on the partnership Driving Urban Transition and on JPI Urban Europe in defining R&I activities related to the Cities Mission in Horizon Europe.

**FIGURE 3: Top collaborators of Austrian researchers under Horizon 2020 projects (including JUs, cPPPs, P2Ps and other H2020 projects)**



Source: eCorda (showing countries of >1000 links)



## SUCCESS STORIES

The **impact of participation** in partnerships can be illustrated by some indicative examples among plenty:

- ✦ JPI Urban Europe and its ERA-Net activities resulted in the partnership Driving Urban Transition with a high impact on Austrian R&I in its domain and on the EU-Mission on Cities.
- ✦ Austrian researchers participated successfully in ERA-Net Biodiversa. It laid the ground for the new partnership Biodiversity in which Austria will participate and from which the Austrian research community can greatly benefit.

In relation to alignment, there has been a shift towards finding a common position on alignment in Austria among the major R&D stakeholders. A collaborative process bringing together the relevant Austrian research stakeholders to work towards a common national agreement on transnational alignment in research strategy, planning and funding was set up, during the course of which awareness for alignment topics was raised and commitments towards future alignment among national RTI stakeholders was built. (For details [see https://www.era-learn.eu/documents/eralearn2020\\_t43\\_casestudyno4\\_commonalignmentpositioninaustria\\_final.pdf](https://www.era-learn.eu/documents/eralearn2020_t43_casestudyno4_commonalignmentpositioninaustria_final.pdf) ).