



CHIST-ERA Call 2019 Selected Projects (Statistics)

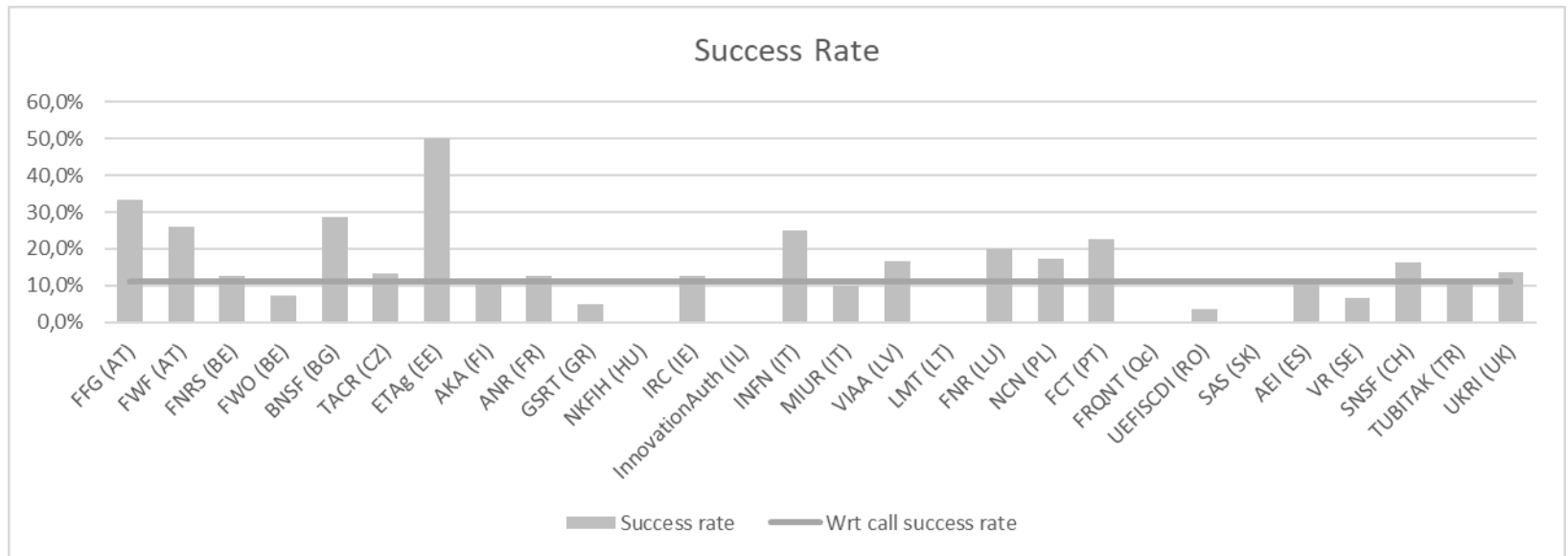
CHIST-ERA Call Secretariat, 2 February 2021



- ❑ Call 2019: <http://www.chistera.eu/call-2019-announcement>
- ❑ Deadline to submit pre-proposals: 14/02/2020
- ❑ Available budget: 16 M€
- ❑ Call topics:
 1. Explainable Machine Learning-based Artificial Intelligence (XAI)
 2. Novel Computational Approaches for Environmental Sustainability (CES)
- ❑ Dimension of projects: Approx. 0.8-1 M€ with 3 to 6 partners

Success Rate

Call success rate: 11.1%





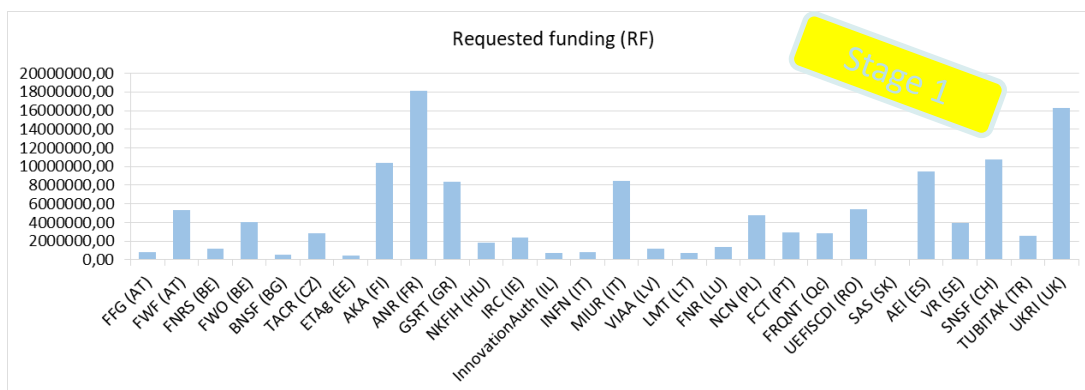
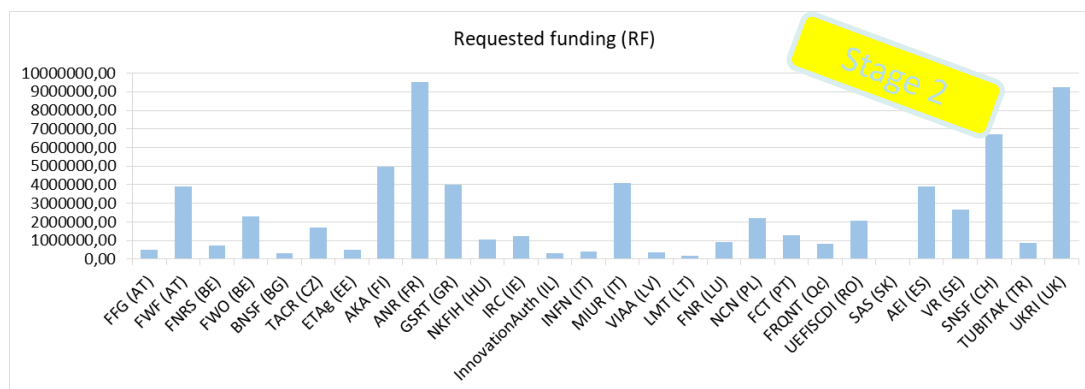
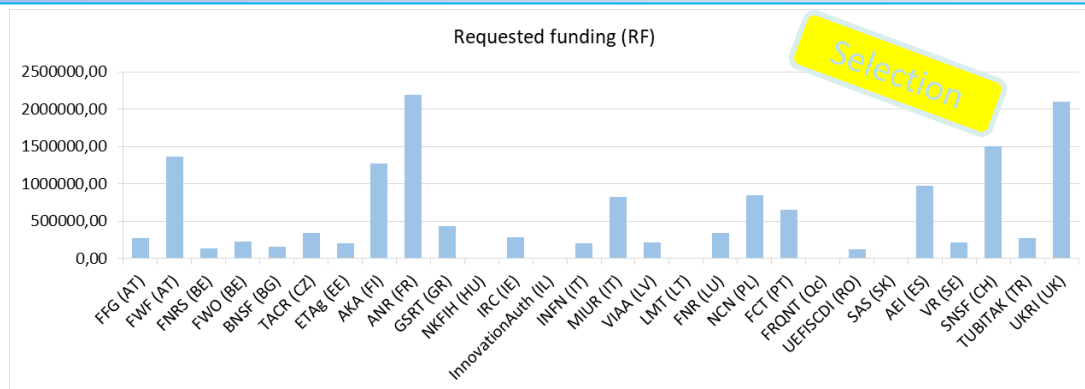
- ❑ Mean score (step 2)
 - ✓ Topic 1 (XAI): 19.4/25
 - ✓ Topic 2 (CES): 18.1/25
- ❑ Selection threshold (step 2)
 - ✓ Topic 1 (XAI): 21/25
 - ✓ Topic 2 (CES): 20/25

Number of Projects

- 18 selected projects out of 162 short proposals and 79 full proposals
- 20 countries and 23 funding organisations are in the selection out of 24 countries and 27 funding organisations in the submission (stage 1)

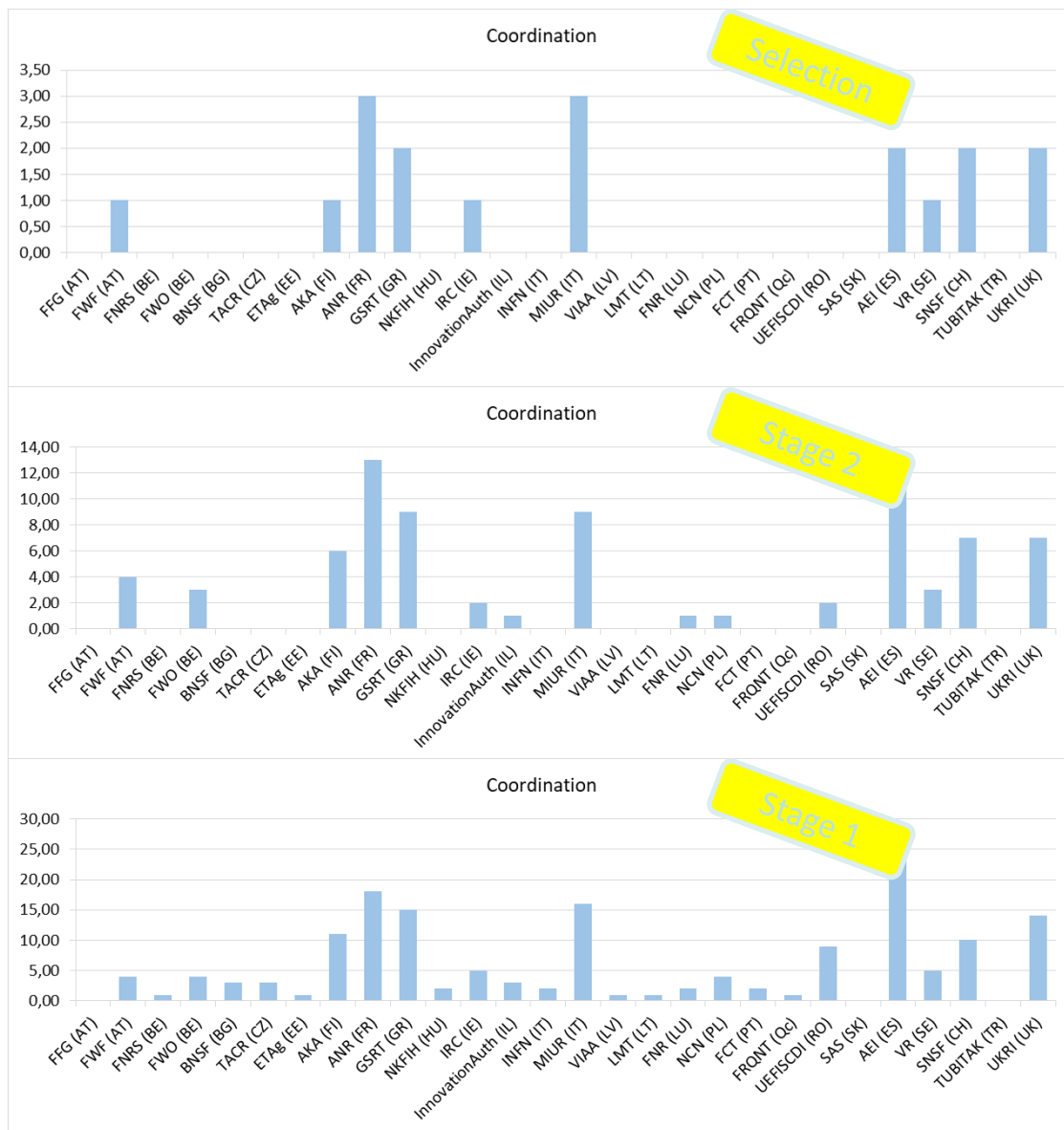


Requested Funding

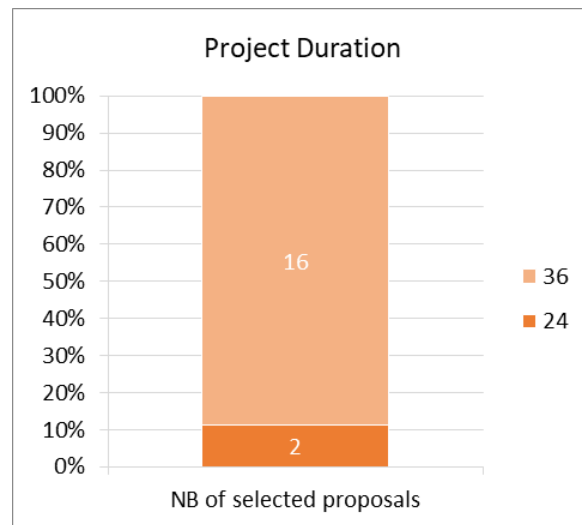
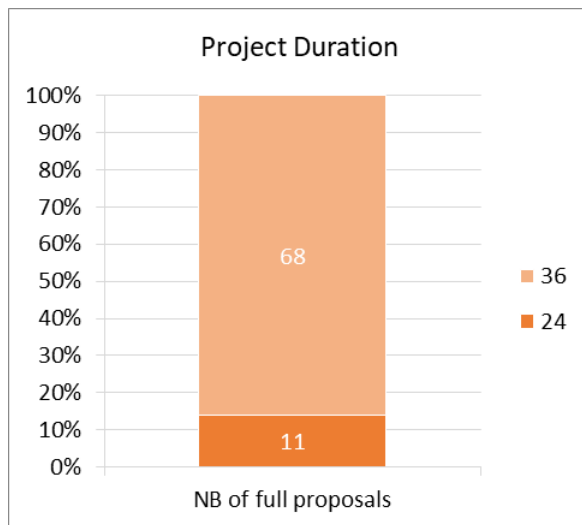
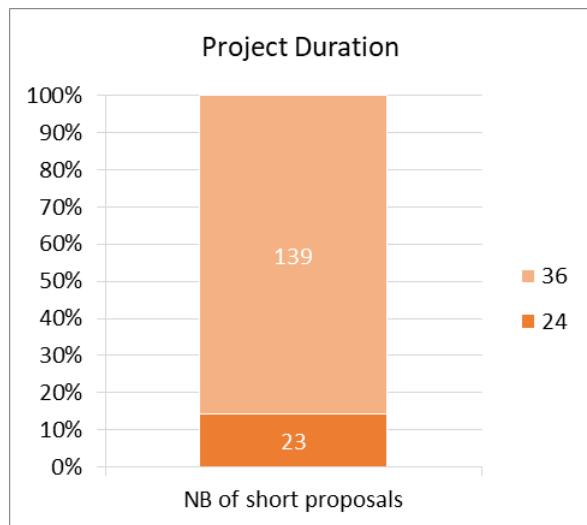


- The funding of the selected projects is 15.1 M€, out of 128.6 requested at stage 1 (11.7%)

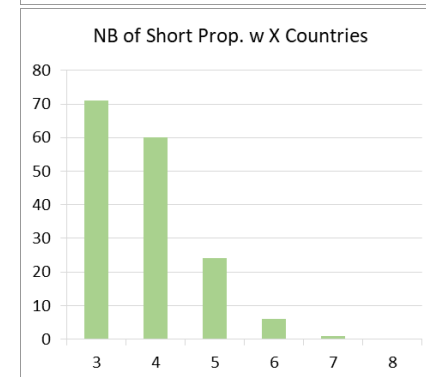
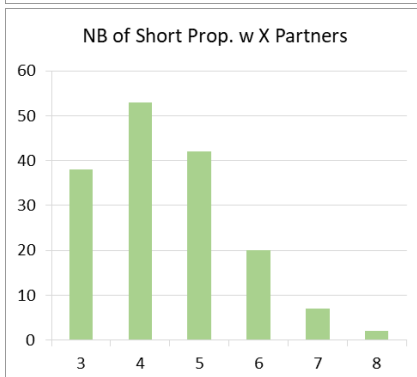
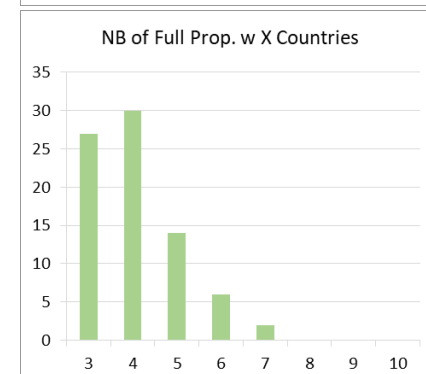
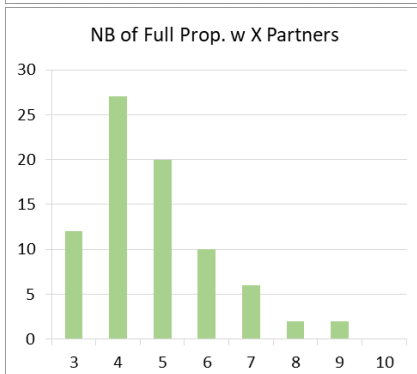
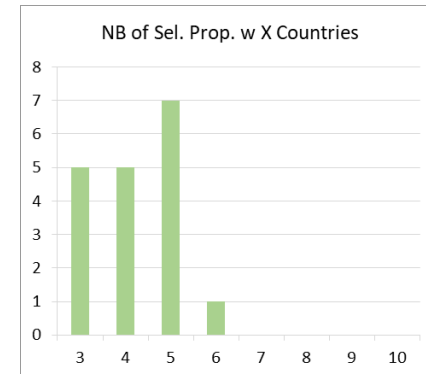
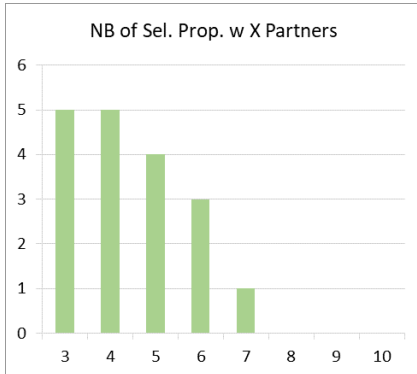
Coordination



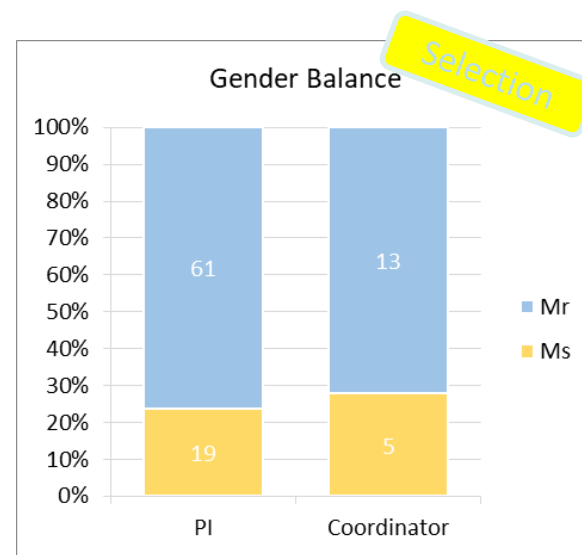
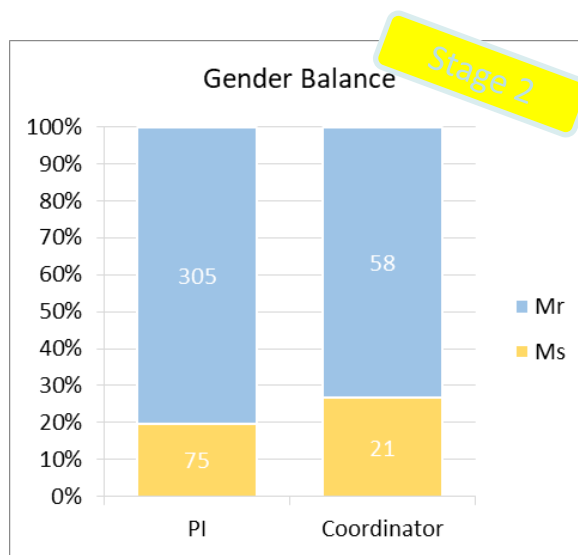
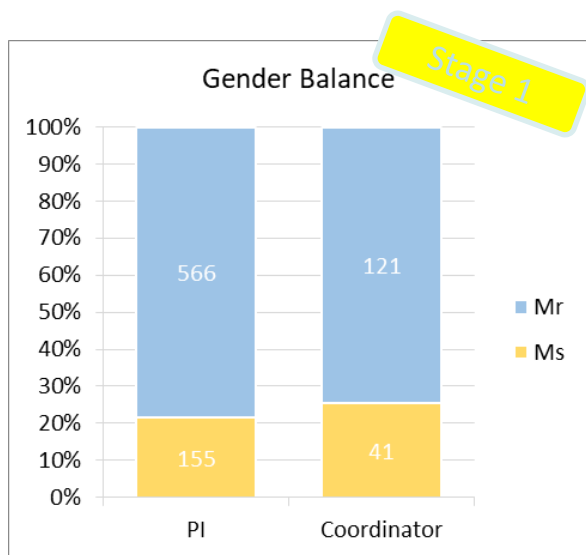
Project Duration



Consortium Size

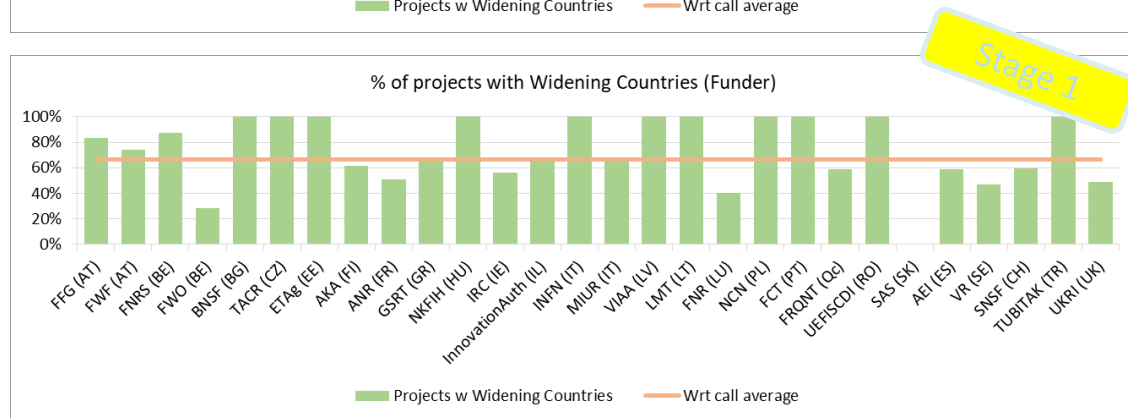
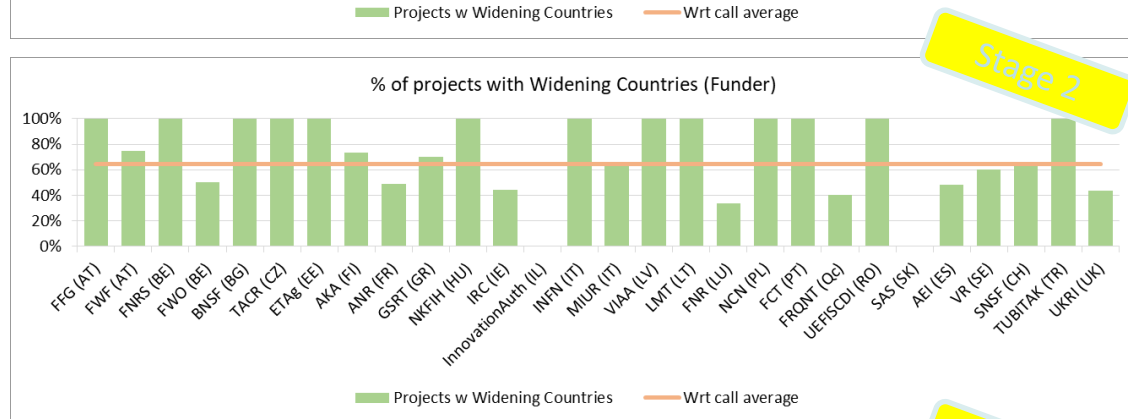
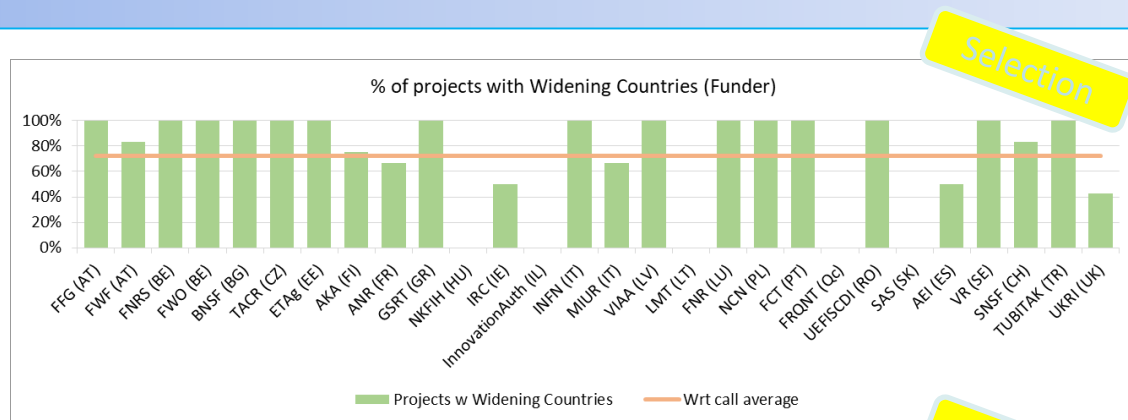


Gender Balance



Participation of Widening Countries

- 72% of the selected projects involve partner(s) from the [Widening Countries](#) (compared to 67% at stage 1)
- Note: In case of ex-aequo projects, CHIST-ERA favour projects with Widening Countries

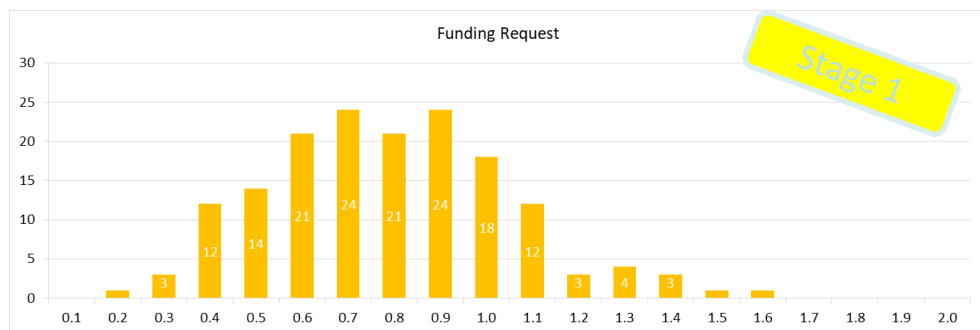
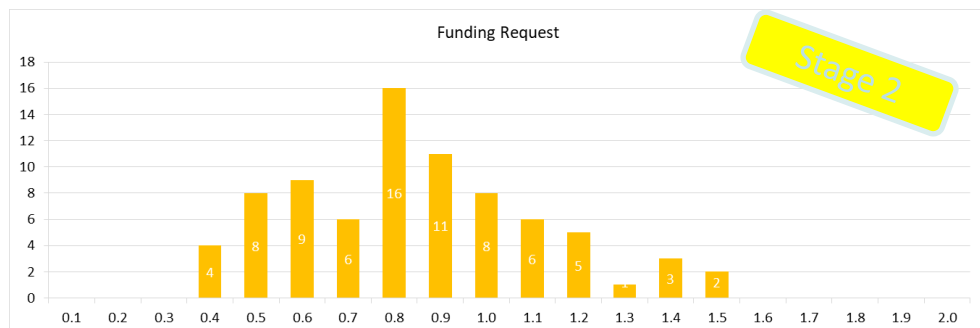
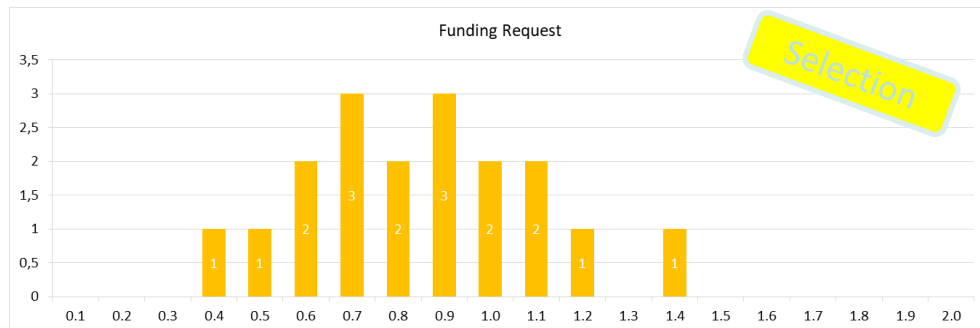
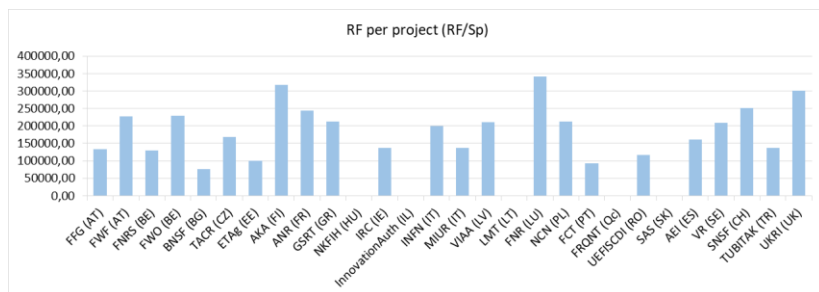


Call Topics



Funding Request

- On average the funding request per project is about 0.8 – 1 M€
- Note: The funding request takes into account the respective funders' budgetary constraints
- The graph below indicates the mean funding requested per project per funder



Selected Projects

Acronym	Title	Countries (coordinator in bold)
<i>Explainable Machine Learning-based Artificial Intelligence (XAI)</i>		
ANTIDOTE	ArgumeNtaTlon-Driven explainable artificial intelligence fOR digiTal mEdicine	BE, ES, FR , IT, PT
CausalXRL	Causal eXplanations in Reinforcement Learning	AT, FR, UK
CIMPLE	Countering Creative Information Manipulation with Explainable AI	AT, CZ, FR , PT, UK
COHERENT	COllaborative HiErarchical Robotic ExplaNaTions	ES , IT, UK
EXPECTATION	Personalized Explainable Artificial Intelligence for decentralized agents with heterogeneous knowledge	CH , IT, LU, TR
GraphNEx	Graph Neural Networks for Explainable Artificial Intelligence	CH, FR, UK
INFORM	- Interpretability of Deep Neural Networks for Radiomics	FR, GR , PL
iSee	Intelligent Sharing of Explanation Experience by users for users	ES , FR, IE, UK
MUCCA	Multi-disciplinary Use Cases for Convergent new Approaches to AI explainability	BG, IT , RO, UK
SAI	-Social Explainable Artificial Intelligence	AT, BG, EE, IT , PL, UK
XAIface	Measuring and Improving Explainability for AI-based Face Recognition	AT, CH, FR , PT
XPM	Explainable Predictive Maintenance	FR, PL, PT, SE
<i>Novel Computational Approaches for Environmental Sustainability (CES)</i>		
4Map4Health	Mapping of forest health, species and forest fire risks using Novel ICT Data and Approaches	AT, CZ, ES, FI , PT
ANDROMEDA	Advanced and novel hydrology models based on enhanced data collection, analysis, and prediction	ES, FI, IT
SEC-OREA	Supporting Energy Communities- Operational Research and Energy Analytics	BE, FR, IE , LV
SEEDS	Stakeholder-Based Environmentally-Sustainable and Economically Doable Scenarios for the Energy Transition	CH , EE, ES, PT
SWAIN	Sustainable Watershed Management Through IoT-Driven Artificial Intelligence	AT , CH, FI, TR
WATERLINE	New Solutions for Data Assimilation and Communication to Improve Hydrological Modelling and Forecasting	AT, CH, FI, GR , PL

❑ Projects of the Call 2019: <http://www.chistera.eu/funded-projects>

❑ CHIST-ERA website: www.chistera.eu

❑ Follow CHIST-ERA:

 www.chistera.eu

 @chistera_net

 chistera@anr.fr