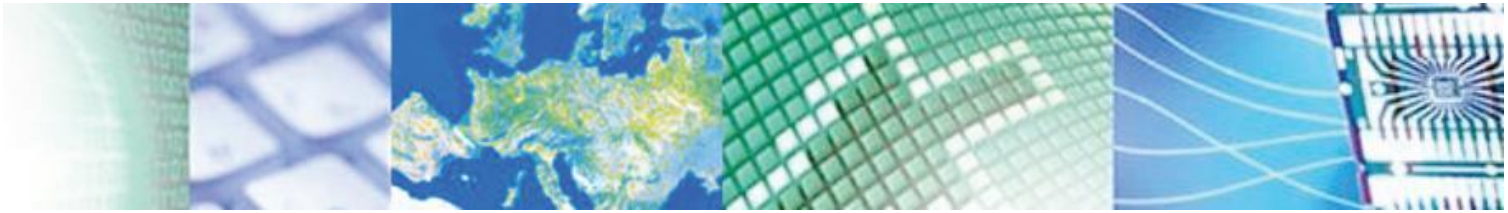
PARTNERS

ASSOCIATES



CHIST-ERA Call 2018
Selected Projects (Statistics)

CHIST-ERA Call Secretariat, 25 July 2019

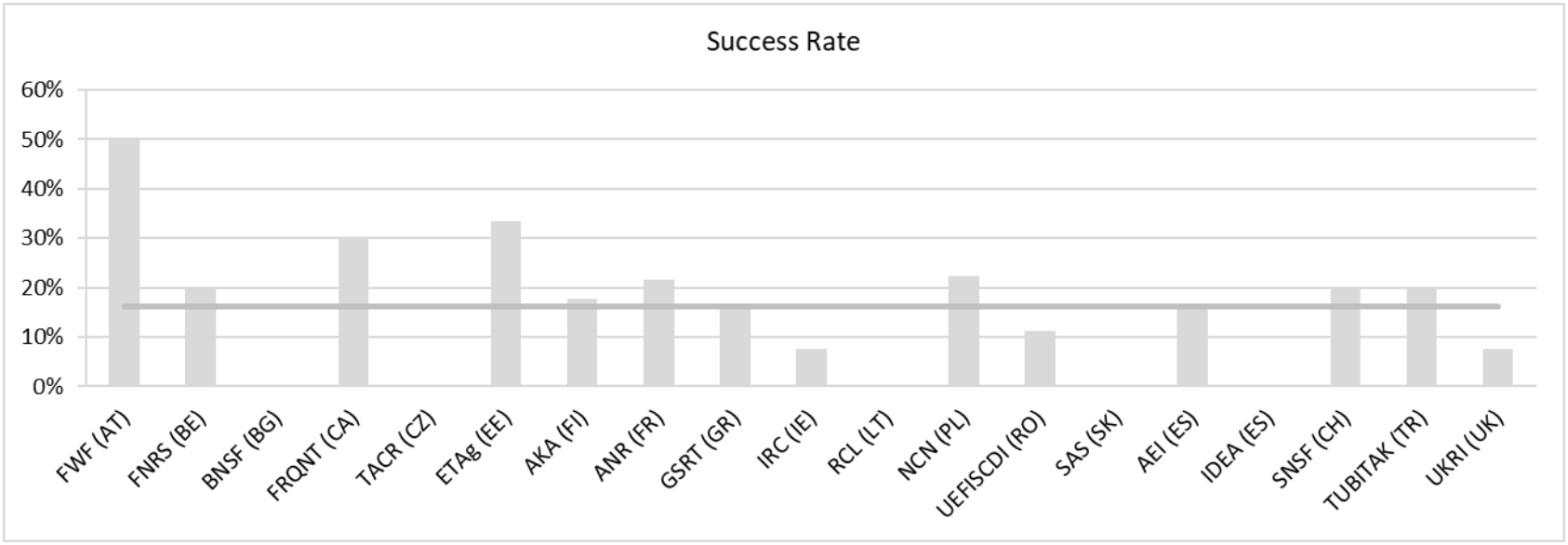
Co-funded by the European Union

Context

- Call 2018: http://www.chistera.eu/call-2018-announcement
- Deadline to submit pre-proposals: 15/01/2019
- Available budget: 13 M€
- Call topics:
  1. Analog Computing for Artificial Intelligence (ACAI)
  2. Smart Distribution of Computing in Dynamic Networks (SDCDN)
- Dimension of projects: Approx. 0.8-1 M€ with 3 to 6 partners

Success Rate

- Call success rate: 16.1%

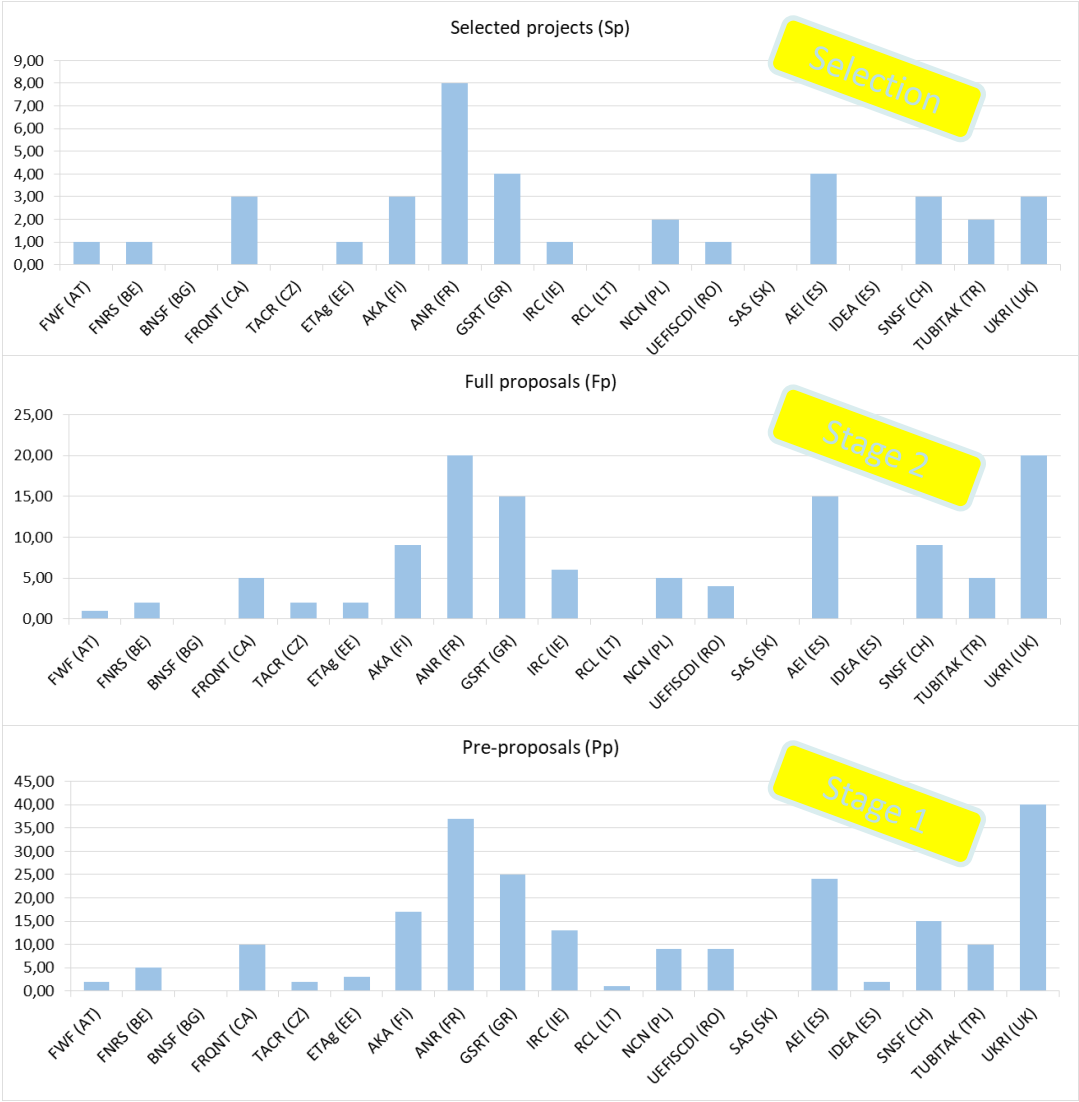


Scores

- Mean score: 10.64/15
- Selection threshold: 11.5/15
  - ✓ Topic 1 (ACAI): 11.5
  - ✓ Topic 2 (SDCDN): 12

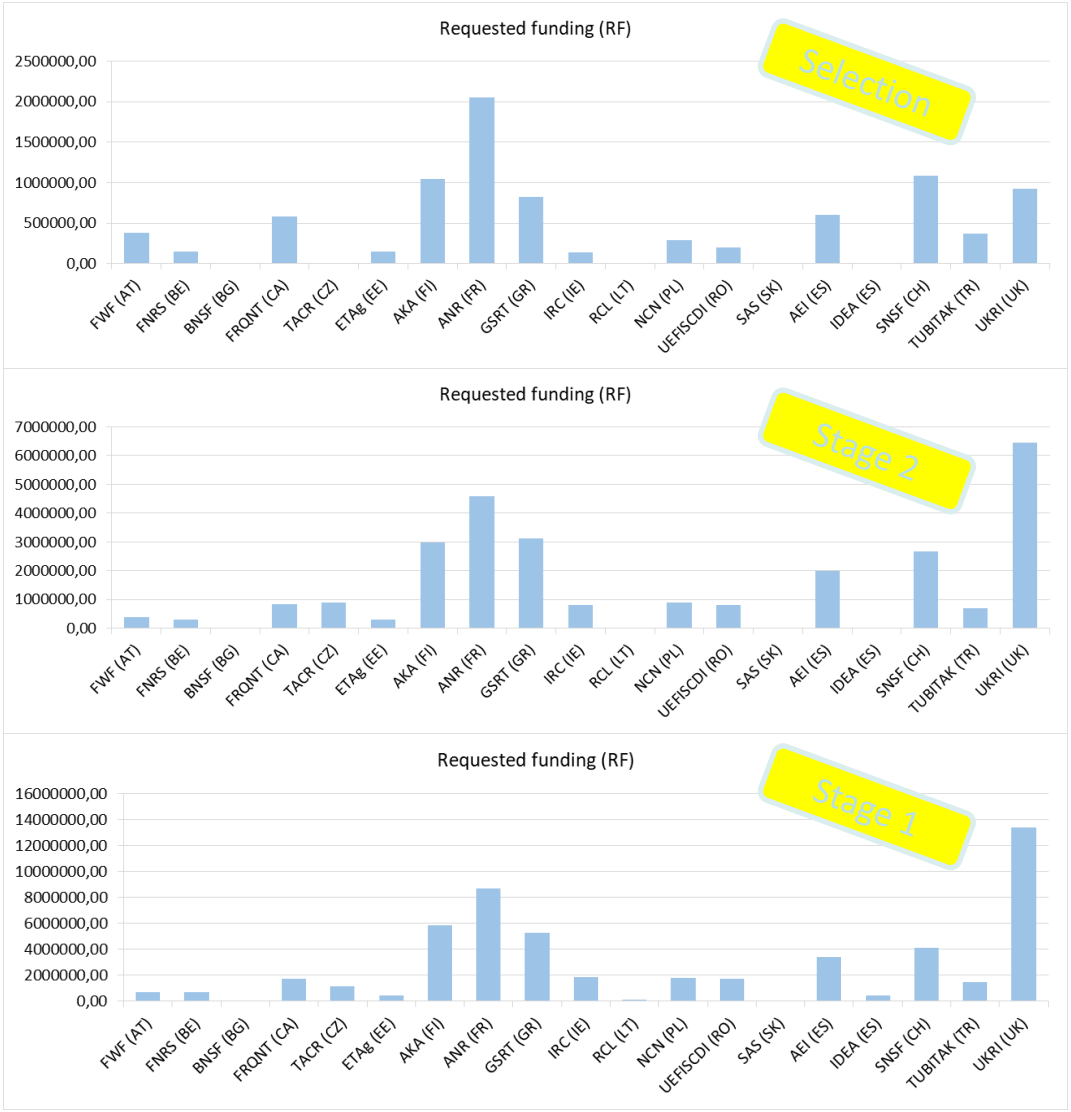
Number of Projects

- 10 selected projects out of 62 pre-proposals (stage 1) and 32 full proposals (stage 2)
- 14 countries and 14 funding organisations are in the selection out of 16 countries and 17 funding organisations in the submission (stage 1)

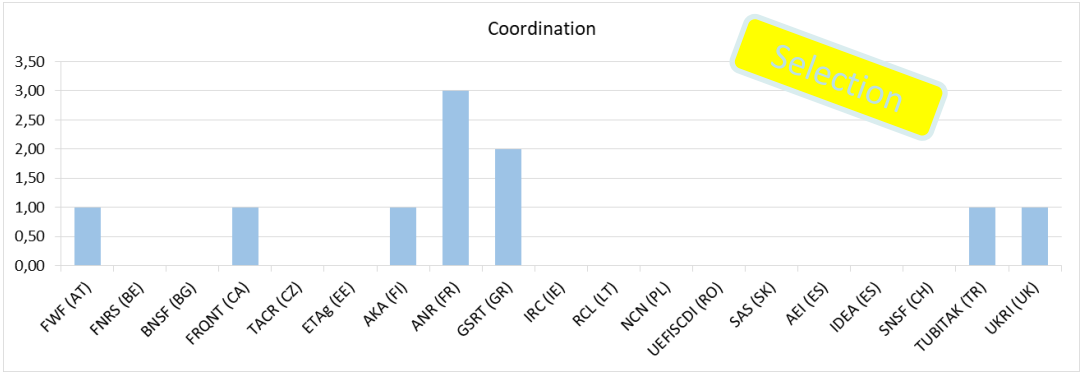


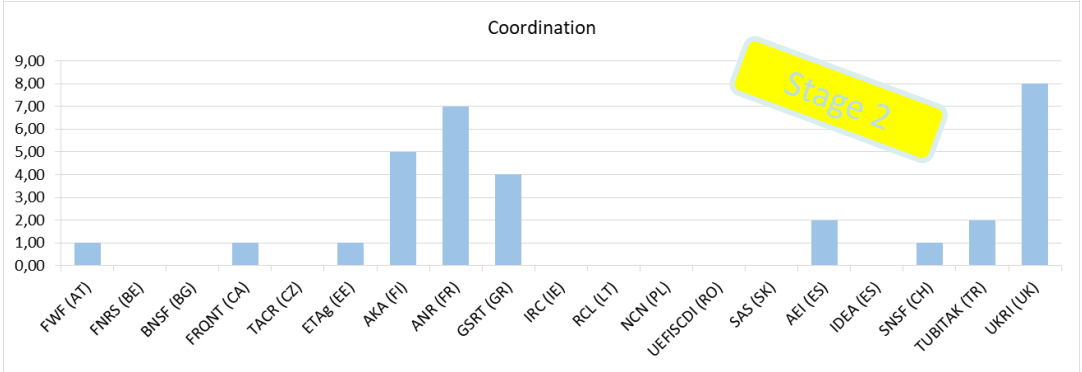
Requested Funding

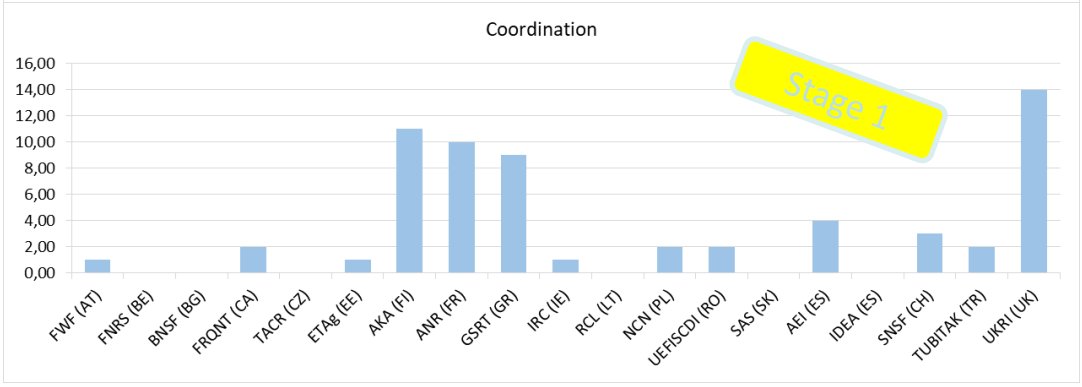
- The funding of the selected projects is 8.8 M€, out of 53.0 requested at stage 1 (16.6%)



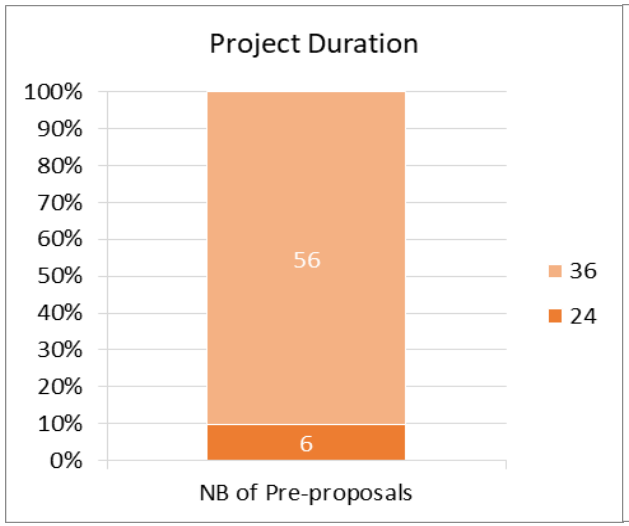
Coordination

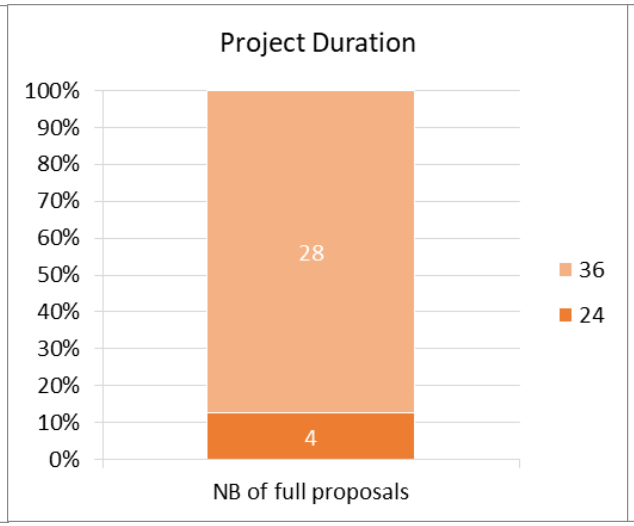


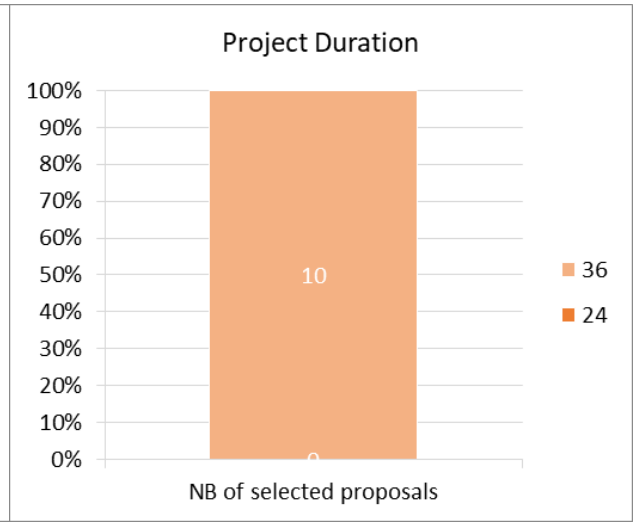




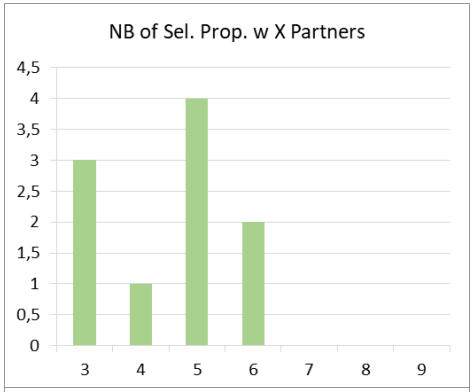
Project Duration

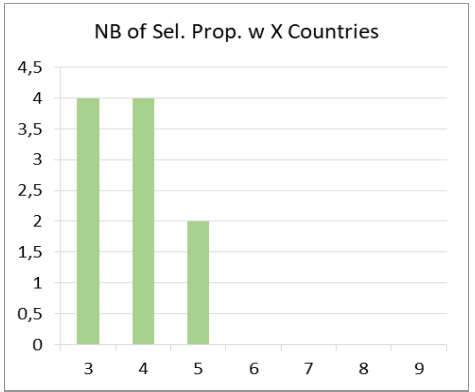


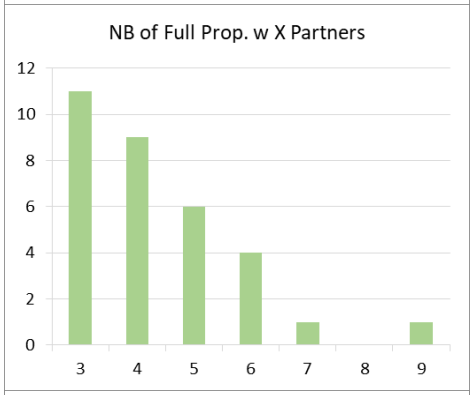


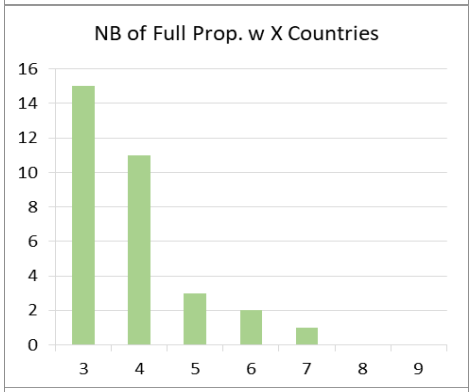


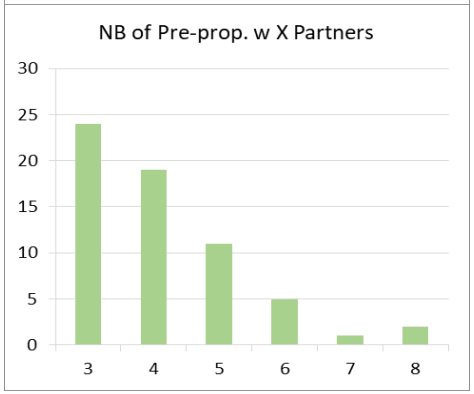
Consortium Size

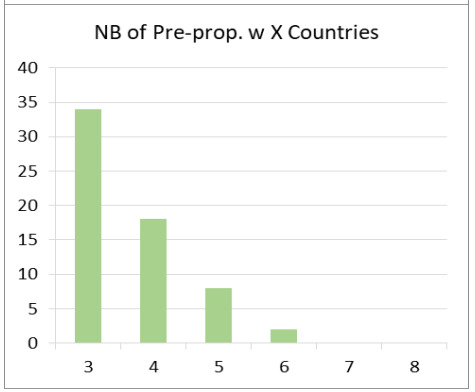




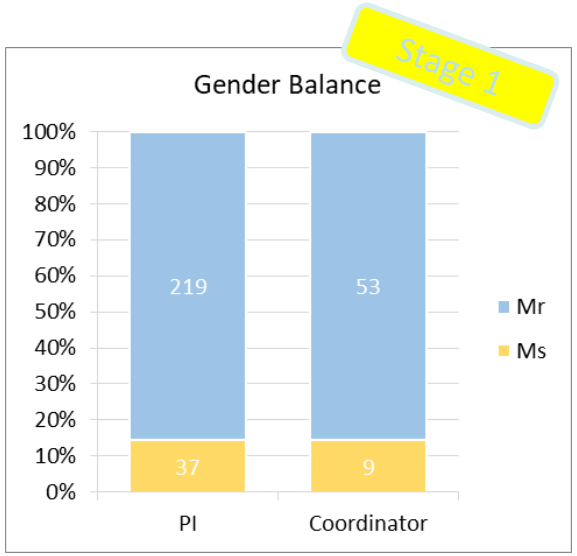


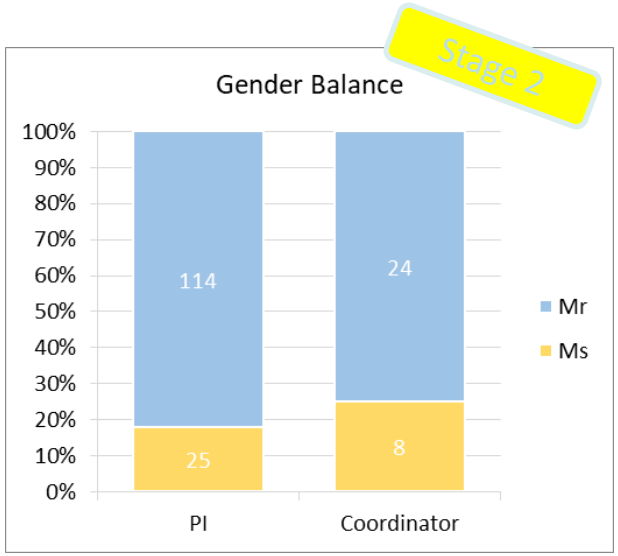


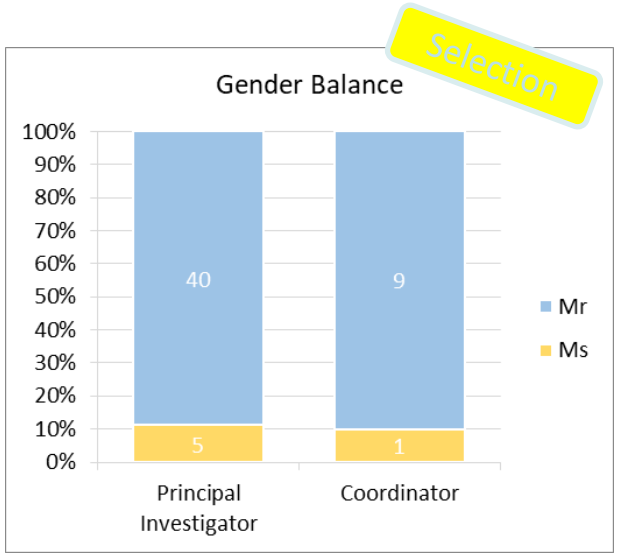




Gender Balance







Participation of Widening Countries

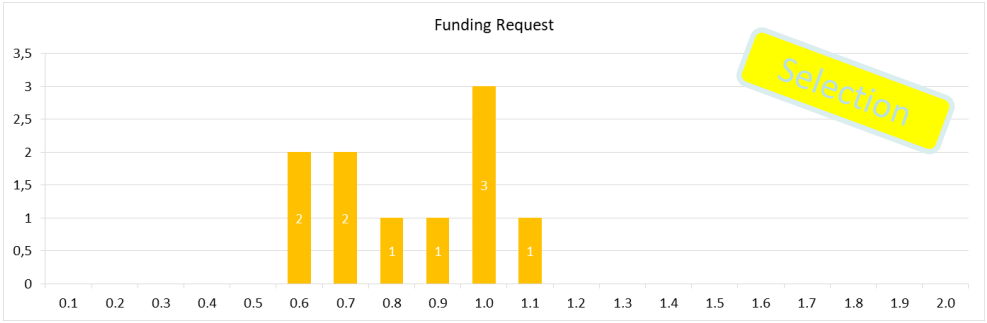
- 40% of the selected projects involve partner(s) from the Widening Countries (compared to 39% at stage 1)
- Note: In case of ex-aequo projects, CHIST-ERA favour projects with Widening Countries

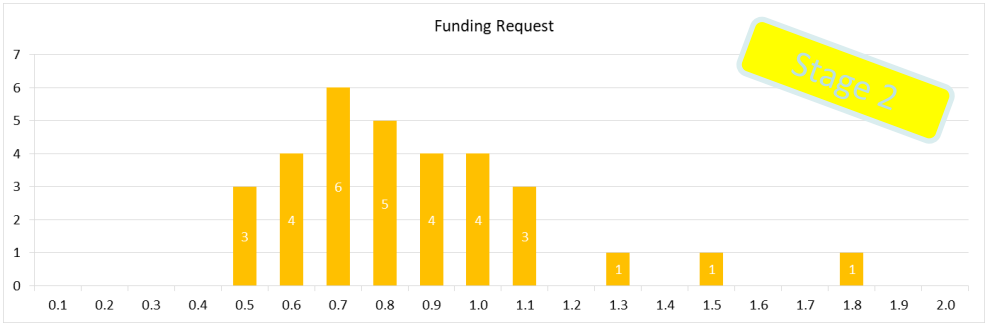
Call Topics

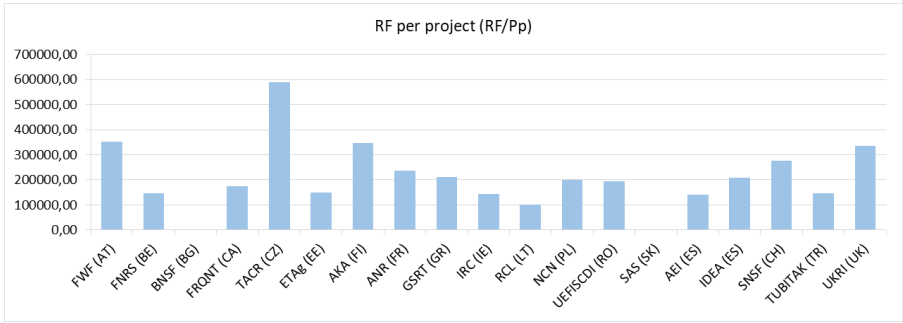
Call Topic
Selection
9,0
8,0
7,0
6,0
5,0
4,0
3,0
2,0
1,0
0,0
FWF (AT)
FNRS (BE)
BNSF (BG)
FRQNT (CA)
TACR (CZ)
ETAg (EE)
AKA (FI)
ANR (FR)
GSRT (GR)
IRC (IE)
RCL (LT)
NCN (PL)
UEFISCDI (RO)
SAS (SK)
AEI (ES)
IDEA (ES)
SNSF (CH)
TUBITAK (TR)
UKRI (UK)
ACAI
SDCDN
Call Topic
Stage 2
25,0
20,0
15,0
10,0
5,0
0,0
FWF
FNRS
BNSF
FRQNT
TACR
ETAg
AKA
ANR
GSRT
IRC
RCL
NCN
UEFISCDI
SAS
AEI
IDEA
SNSF
TUBITAK
UKRI
ACAI
SDCDN
Call Topic
Stage 1
45,0
40,0
35,0
30,0
25,0
20,0
15,0
10,0
5,0
0,0
FWF
FNRS
BNSF
FRQNT
TACR
ETAg
AKA
ANR
GSRT
IRC
RCL
NCN
UEFISCDI
SAS
AEI
IDEA
SNSF
TUBITAK
UKRI
ACAI
SDCDN

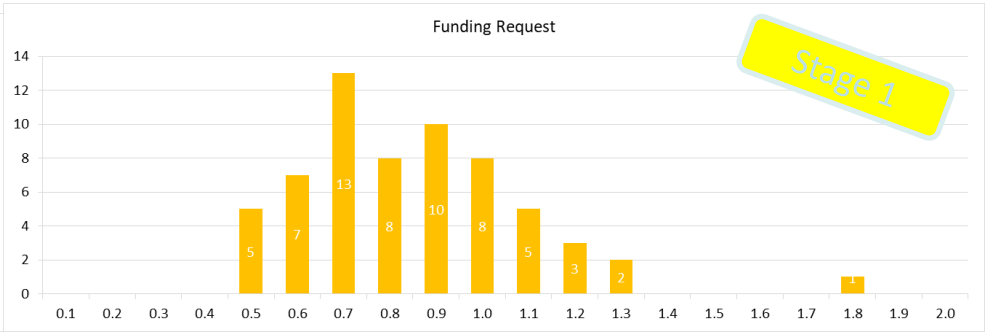
Funding Request

- 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)
	Analog Computing for Artificial Intelligence (ACAI)	
AIR	Analogue Intelligent chip for short and middle range Radar signal processing	**FI**, FR, PL
APROVIS3D	Analog PROcessing of bioinspired VIsion Sensors for 3D reconstruction	CH, ES, **FR**, GR
JEDAI	Event Driven Artificial Intelligence Hardware for Biomedical Sensors	EE, **FR**, IE
SMALL	Spiking Memristive Architectures for Learning to Learn	**AT**, CH, ES, UK
UNICO	Unsupervised spiking neural networks with analog memristive devices for edge computing	**CA**, CH, FR, PL
	Smart Distribution of Computing in Dynamic Networks (SDCDN)	
CONNECT	COmmunicatioN-aware dyNamic Edge CompuTing	FI, **TR**, UK
DiPET	Distributed Stream Processing on Fog and Edge Systems via Transprecise Computing	ES, FR, GR, RO, **UK**
DRUID-NET	Edge Computing Resource Allocation for Dynamic Networks	BE, CA, FR, **GR**, UK
LeadingEdge	Holistic and foundational resource allocation framework for optimized and impactful edge computing services	BE, CA, FR, **GR**, UK
SCORING	Nouveau paradigme pour la collaboration intelligente entre communication, stockage et calcul dans les infrastructures réseaux de nouvelles générations	CA, **FR**, TR

Information

- Projects of the Call 2018: http://www.chistera.eu/funded-projects
- CHIST-ERA website: www.chistera.eu
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