



How to set up a successful CELTIC project



**CELTIC Proposers Day,
London, 6th of February 2019**

**Peter Herrmann
Director Celtic Office**

Innovate UK

www.celticnext.eu

2003-2018: 16 years of success



- 1 B€ invested in innovation
- 150+ R&D projects
- Creation of new businesses and new market
 - 1045 products commercialised
 - 13 start-ups created
- 1000+ PhD and Master Thesis
- 900 private and public organisations
 - large industry players
 - small & medium-sized enterprises
 - academic/research institutions
- SME participation up to 40%
 - Increased throughout the years to reach more than 40% in budget
- Large “flagship projects”
 - Opportunity for countries and industry to work together on strategic priorities creating a major impact on European economy





CELTIC-NEXT impact on competitiveness rewarded by 3 EUREKA Innovation Awards



HIPERMED

High-Performance Telemedicine Platform
Cost-effective healthcare even in remote areas

SME-led project

Digital Society



HFCC/G.fast

Hybrid Fiber-Copper connectivity using G.fast
Brings broadband to the home with existing copper cables
More than 1 million customers by end of March 2018
10 million premises connected by end of 2020



Customer Satisfaction



NOTTS

Next generation OTT multimedia Services
Guarantees the video content delivery from the customer's perspective





Industry Vision Statement: the CELTIC-NEXT White Paper

- CELTIC-NEXT Web Page:
<https://www.celticnext.eu>
- CELTIC-NEXT White Paper:
<https://www.celticnext.eu/celtic-next/>

16 years of success

150+ R&D projects

40% SME participation

1000+ products commercialized

1 B€ Invested in R&D

900+ PhD and Master Thesis

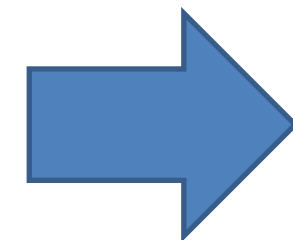
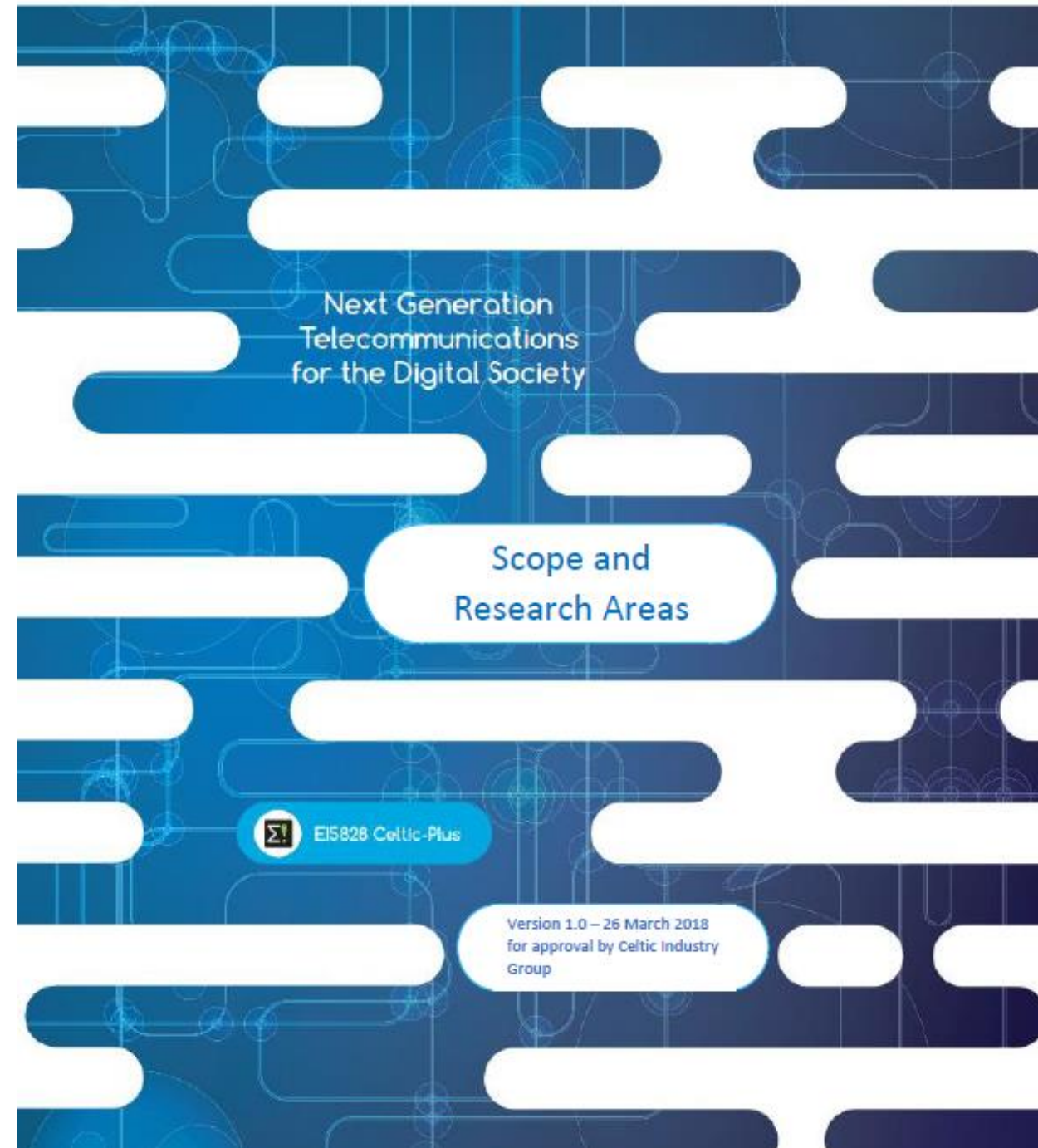
www.celticnext.eu





CELTIC-NEXT Scope & Research Areas

CELTIC-NEXT Scope & Research Areas:
<https://www.celticnext.eu/celtic-next/>



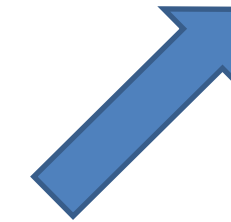
- A. NETWORKING**
- B. SERVICES AND APPLICATIONS**
- C. FUTURE SERVICE ENABLERS**
- D. FUTURE INTERNET / CLOUDS**
- E. FUTURE USAGE AREAS AND MULTI-DISCIPLINARY APPROACH**



CELTIC-NEXT Scope and Research Areas

TAXONOMY OF CELTIC-NEXT RESEARCH TOPICS

A	NETWORKING
A1	Networks Elements and Infrastructures
A2	Mobile / Wireless
A3	Broadband, fixed networks
A4	Optics
A5	Satellite
A6	Broadcast
A7	Energy efficiency (of networks)



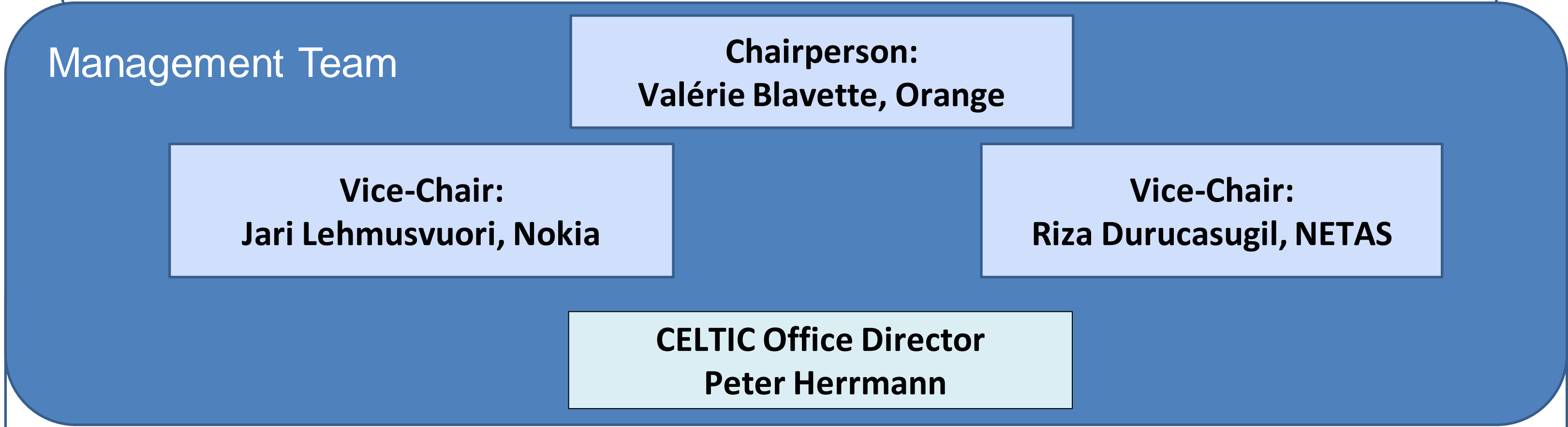


CELTIC-NEXT

Organisation

Industry
16 CELTIC-NEXT Core
Group Members
(CG)

National Authorities
CELTIC Authorities Committee
(CELTAC)



CELTIC OFFICE



4 Steps towards the Celtic Label




Time line: 6 weeks in total

1. Proposal submission
2. Evaluation
3. Label decision
4. Evaluation Results to the Submitters

In Parallel: Contact your national authorities:
<https://www.celticnext.eu/public-authorities/>

Step 1: Proposal Submission



Welcome to CELTIC-NEXT Project Tool

This tool offers the following functions:

- Proposal Submission
- Proposal Review
- Project change Requests

For using the tool please [login](#)

First time users have to [register](#)

Submit Proposal

Info: All project data will be handled strictly confidentially (except f
Note: * = required fields

Project identification

Please enter a short acronym and the full project title

Open Call *

Acronym *

Project Title *

Uploads

Please upload your CPP file (PDF or DOC) and any a

Upload proposal files

CPP (Celtic Project Proposal) template available on CELTIC-NEXT Web

Step 2: Proposal Evaluation



Evaluation by the Group of Experts^{*)} (GoE)

List of Evaluation Criteria:

1. Excellence and technological innovation
2. Strategic relevance and impact
3. Potentials for exploitation of the results and for future business
4. Quality and efficiency of the implementation of the project proposal
5. Quality of the proposed consortium

S = Suitable for Labelling

M = Modifications required

N = Not suitable for Labelling

Example of a typical outcome of GoE Evaluations

Group of Experts evaluation					
Acronym	Rating	Recommendation			
		R1	R2	R3	S
Proposal 1	2.00	N	M	N	N
Proposal 2	3.00	M	M	M	M
Proposal 3	4.00	S	M	S	S
Proposal 4	4.50	S	S	S	S

^{*)} Most Experts are from the Celtic Core Group Companies

Step 2 Evaluation

2. Evaluation by Public Authorities

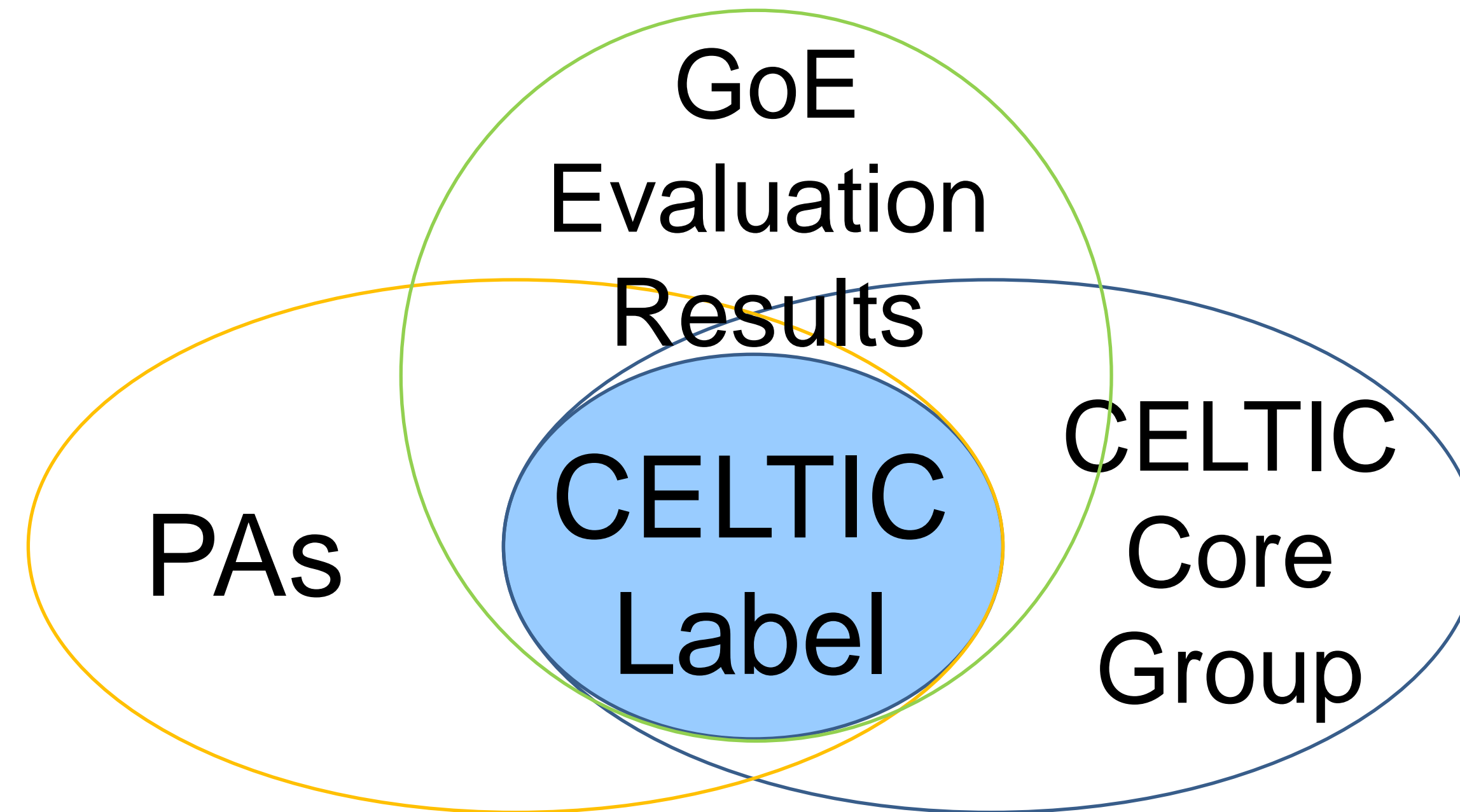
Example of a typical outcome of PA Evaluations:

Colour Codes Legend:

Ok, good for funding	Average chance for funding	Low chance for funding	Little or no chance for funding	No decision yet
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Acronym	Country	Budget share in %	Comment	Status for funding	Funding Applicatio
Project 1	Finland	15.57	Good project funding likely	ok	Yes
Project 1	France	42.00	High FR buget share	no decision	Provisional
Project 1	Turkey	26.18	Project targets too many things without any special focus.	low	No
Project 2	Belgium	4.00	Partner will be self funded	ok	Yes
Project 2	Germany	8.57	Project is innovative but too ambitious.	average	No
Project 2	Netherland	23.00	Innovation with respect to the SoA not visible	low	Provisional
Project 2	Spain	7.48	Possibilities of funding by MInistry of Industry	average	Provisional
Project 2	Sweden	23.23	Good project funding likely	ok	Yes
Project 2	Denmark	11.61	No funding for Cluster project	no funding	No

Step 3: Label Decision



- The decision on the label of proposals is taken in a common meeting of the Public Authorities and the CELTIC Core Group.
- In addition to technical quality and business relevance national priorities can also be a criterion.

Next Steps

Starting and running a CELTIC project

- In EUREKA projects the funding is granted by ministries of the participating countries.
- Projects usually start when mandatory partners have green light for funding.
- In the last years a success rate for running projects 60 % has been achieved.
- When a partner becomes active in a running project he will also pay the CELTIC contributions: 1500 €/PY



Join a Labelled Project



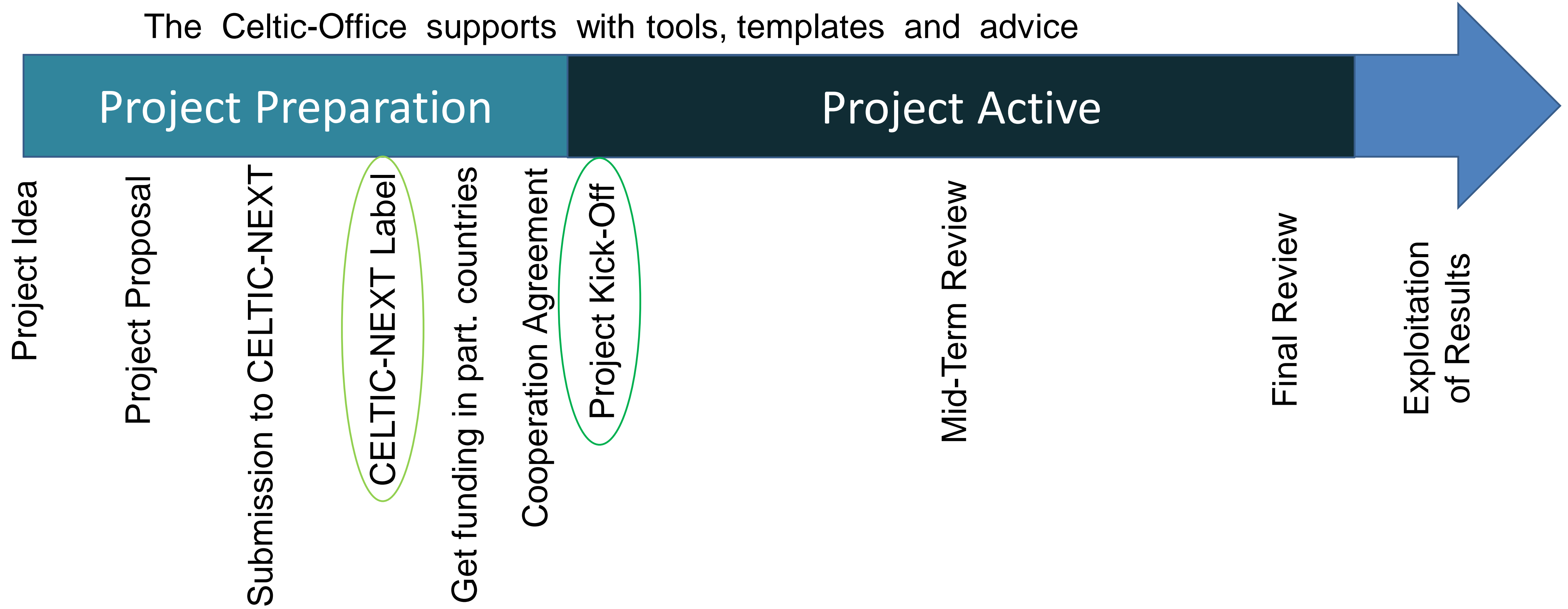
**Check Projects Overviews at CELTIC-NEXT website, with status classification of “set-up” or “running”:
<https://www.celticnext.eu/running-projects/>**

- **In case of interest directly contact the Coordinator**
- **For information on funding contact the Public Authorities**
- **For information on the Programme contact the CELTIC-NEXT Office**

Project Live Cycle

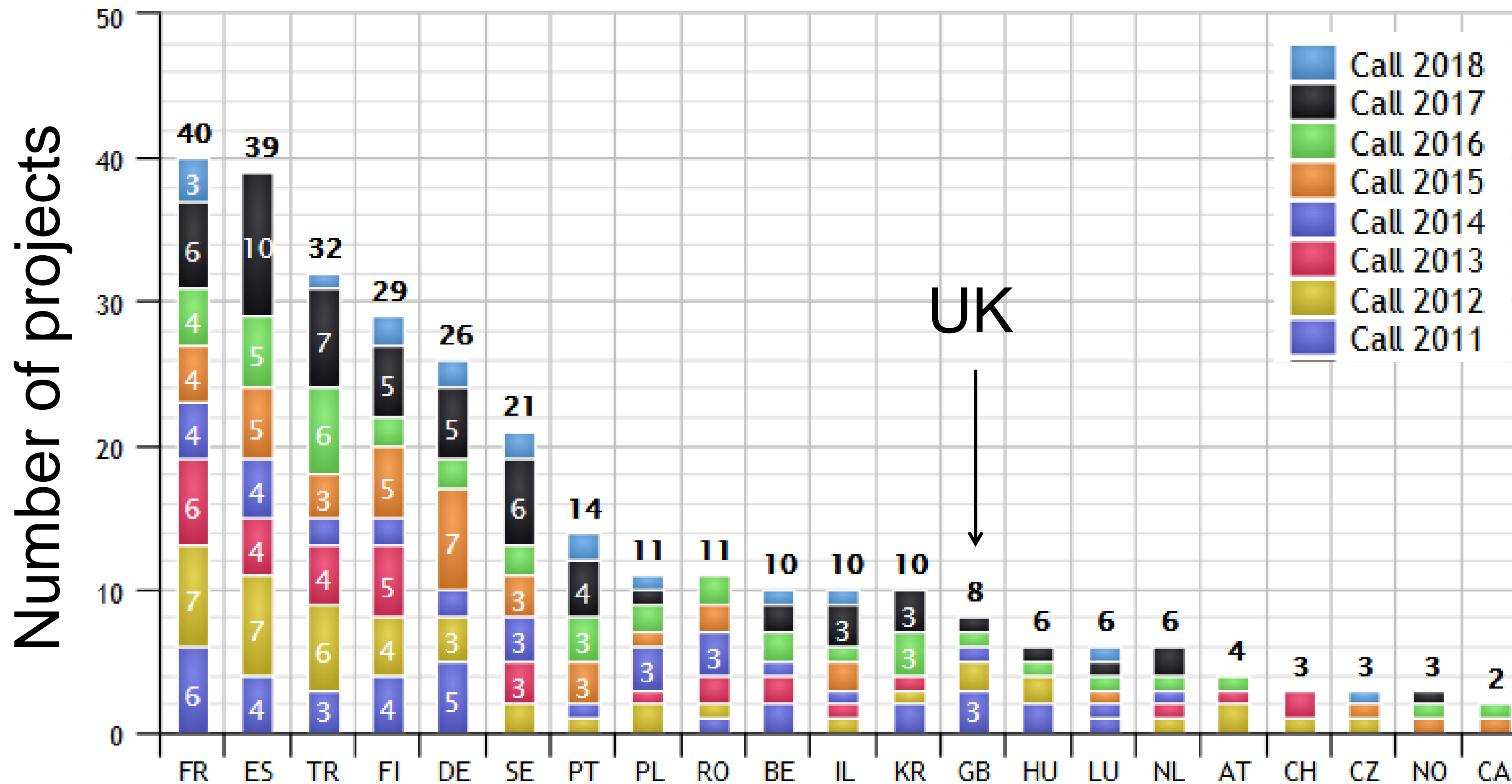


The Celtic-Office supports with tools, templates and advice





Active Countries in CELTIC



Opportunities to collaborate globally

- **South Korea**
- **Canada**
- **And in the future also with other countries like Japan...**



Next CELTIC-NEXT Call

Submit your project proposal:

- **Call open until 8th April 2019**

Preparing and submitting a CELTIC-NEXT project proposal is easy:

- register on the CELTIC-NEXT Online proposal tool
- fill in the web forms
- upload your proposal

A template for the proposal can be downloaded from our Call information page (“proposal forms and documents”) Information via www.celticnext.eu



SPRING CALL

PROPOSAL SUBMISSION BY
8 APRIL 2019

JOIN THE INDUSTRY-DRIVEN ICT RESEARCH PROGRAMME

R&D PROJECTS
WITHIN
EUROPE AND BEYOND

SMART
CONNECTED WORLD

 CELTIC-NEXT is
an EUREKA ICT Cluster for
collaborative Research

WWW.CELTICNEXT.EU

CELTIC-NEXT Newsletter

Please have a look at our Newsletter

<https://www.celticnext.eu/newsletter/>

and register for free subscription

www.celticnext.eu



Celtic-Plus
Newsletter 1/2018

Vice-chair's Corner: CELTIC-NEXT – The next big thing after Celtic-Plus

Events: Celtic-Plus Event in Helsinki


Project Highlights: G.fast standards developed by 3 Celtic-Plus projects

Start-up Success Stories: SASER project spinoff aXenic



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 <https://twitter.com/CELTICNEXT>

 <https://www.youtube.com/user/CelticplusVideos>

 <https://www.linkedin.com/groups/3875389>