

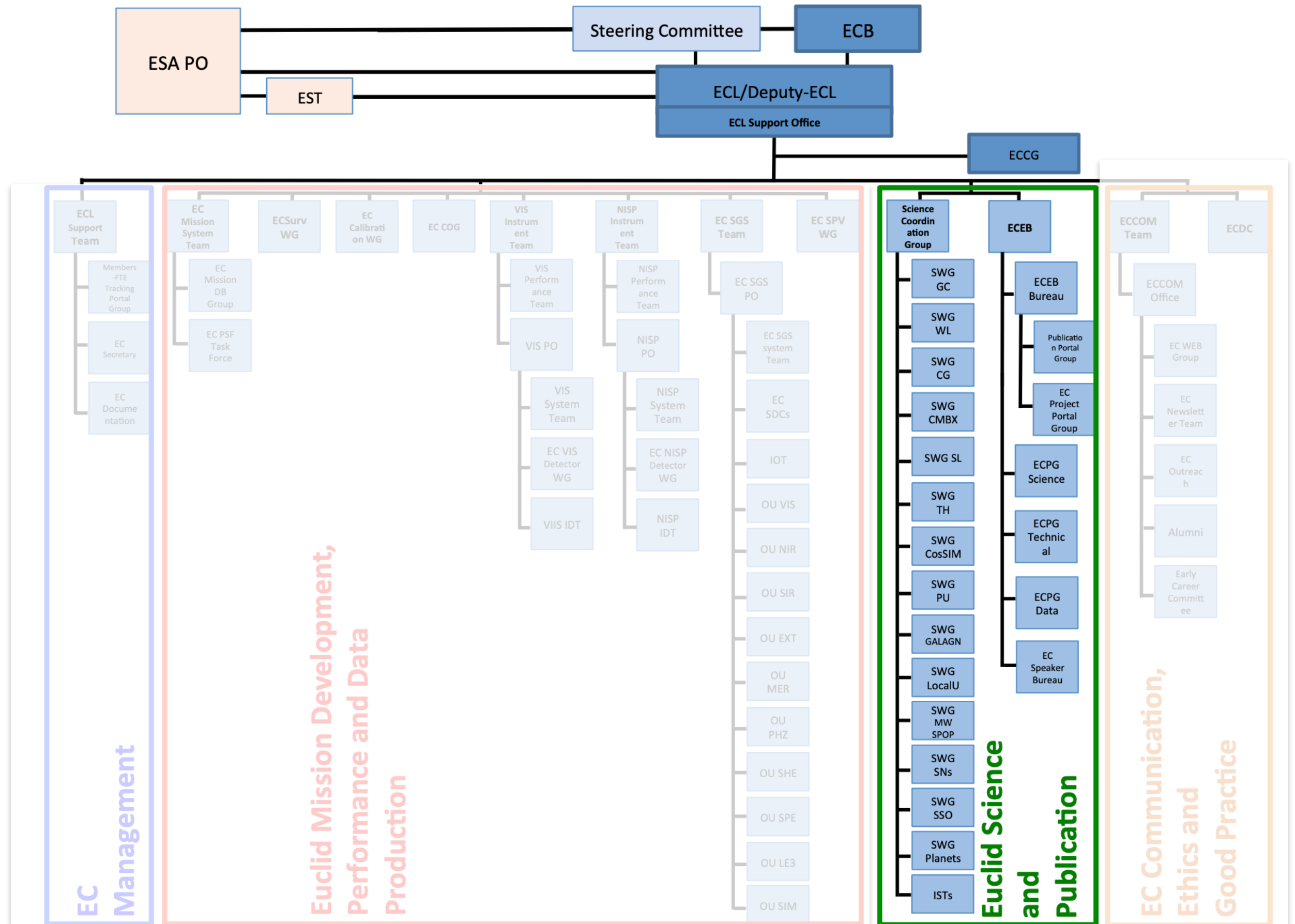
DR1 Science Key Projects: how are we doing?

Luigi Guzzo

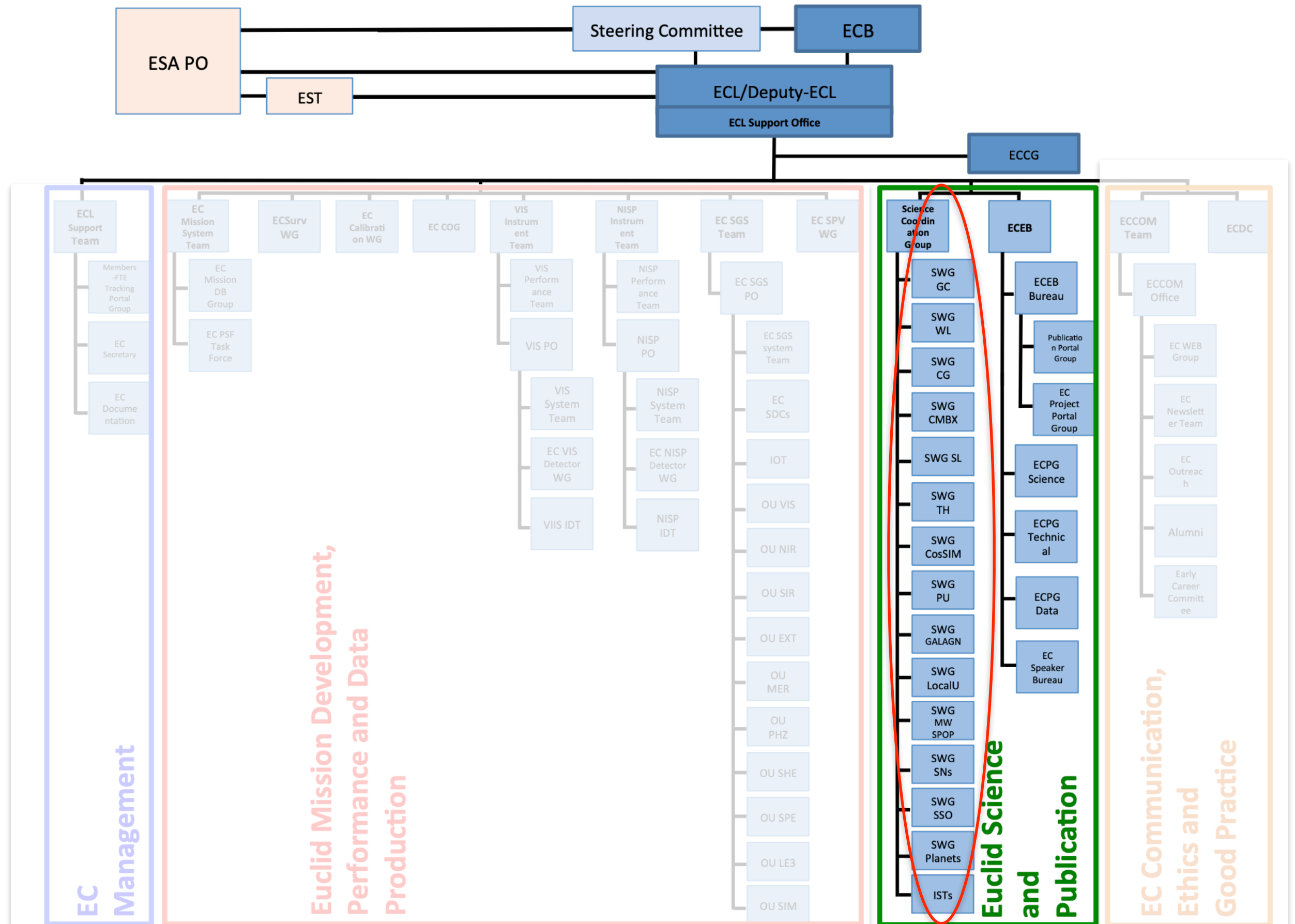
EC Publication Group (ECPGS) Chair

EC Cosmology Science Coordinator

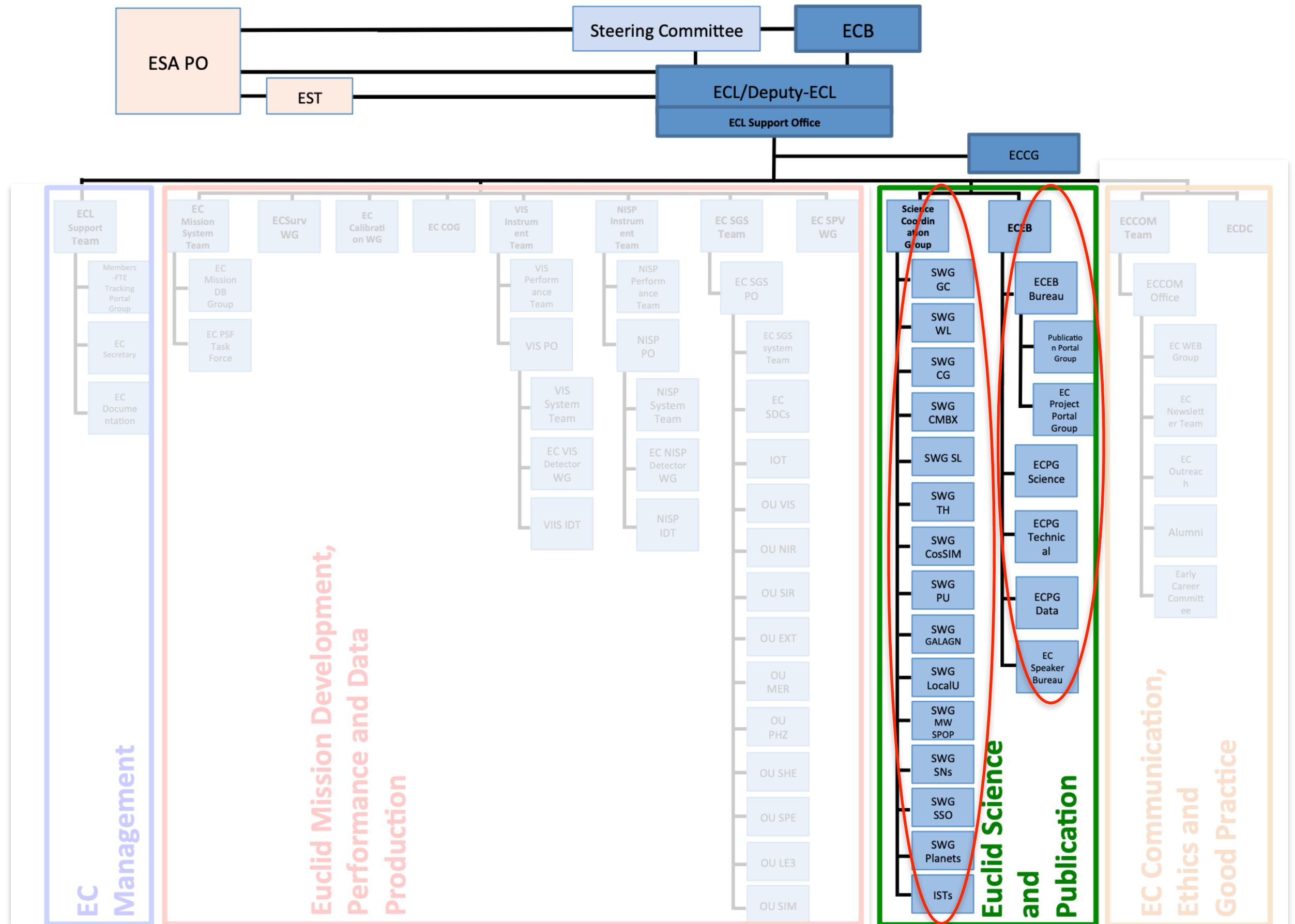
EC science: from project proposals to papers



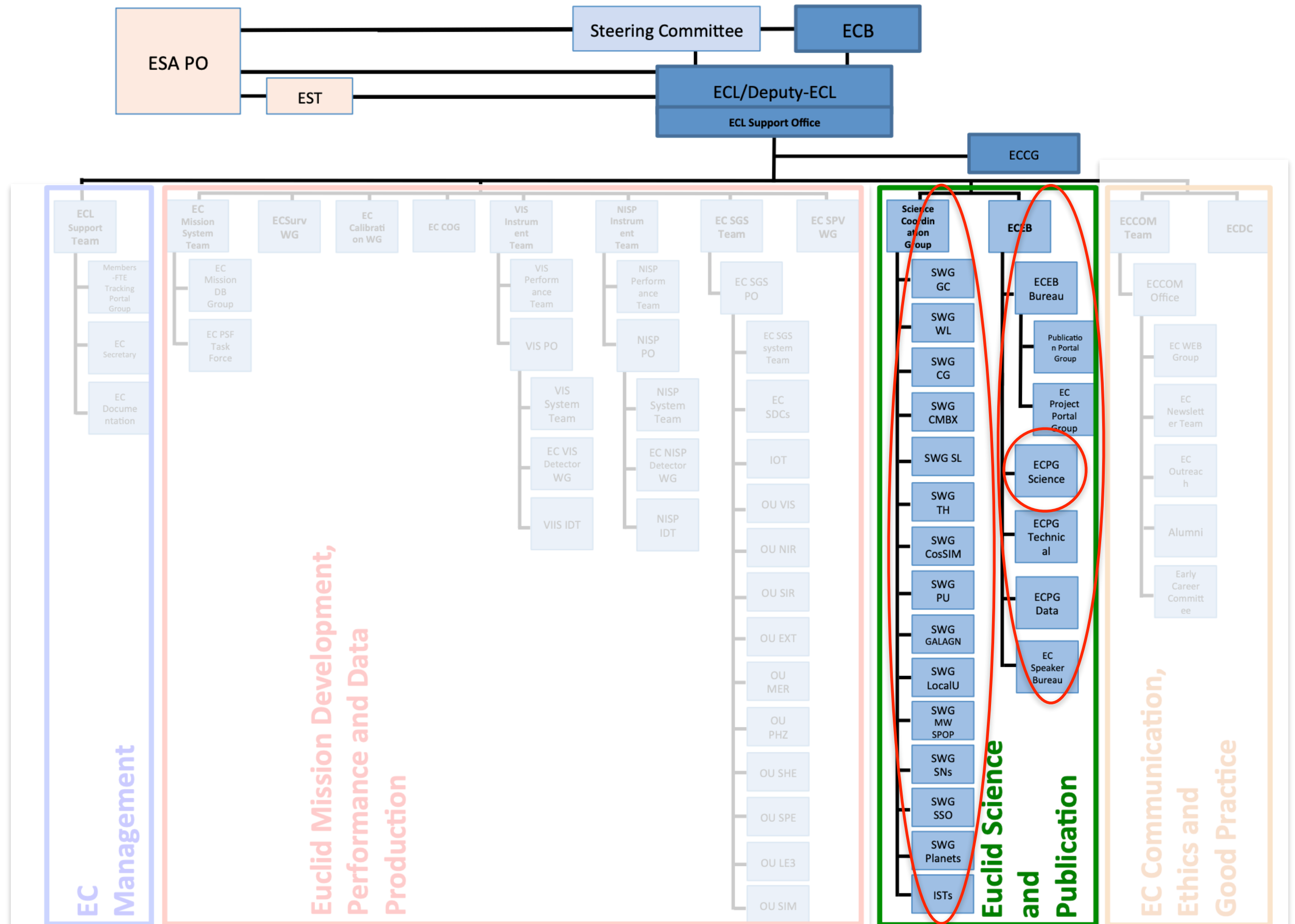
EC science: from project proposals to papers



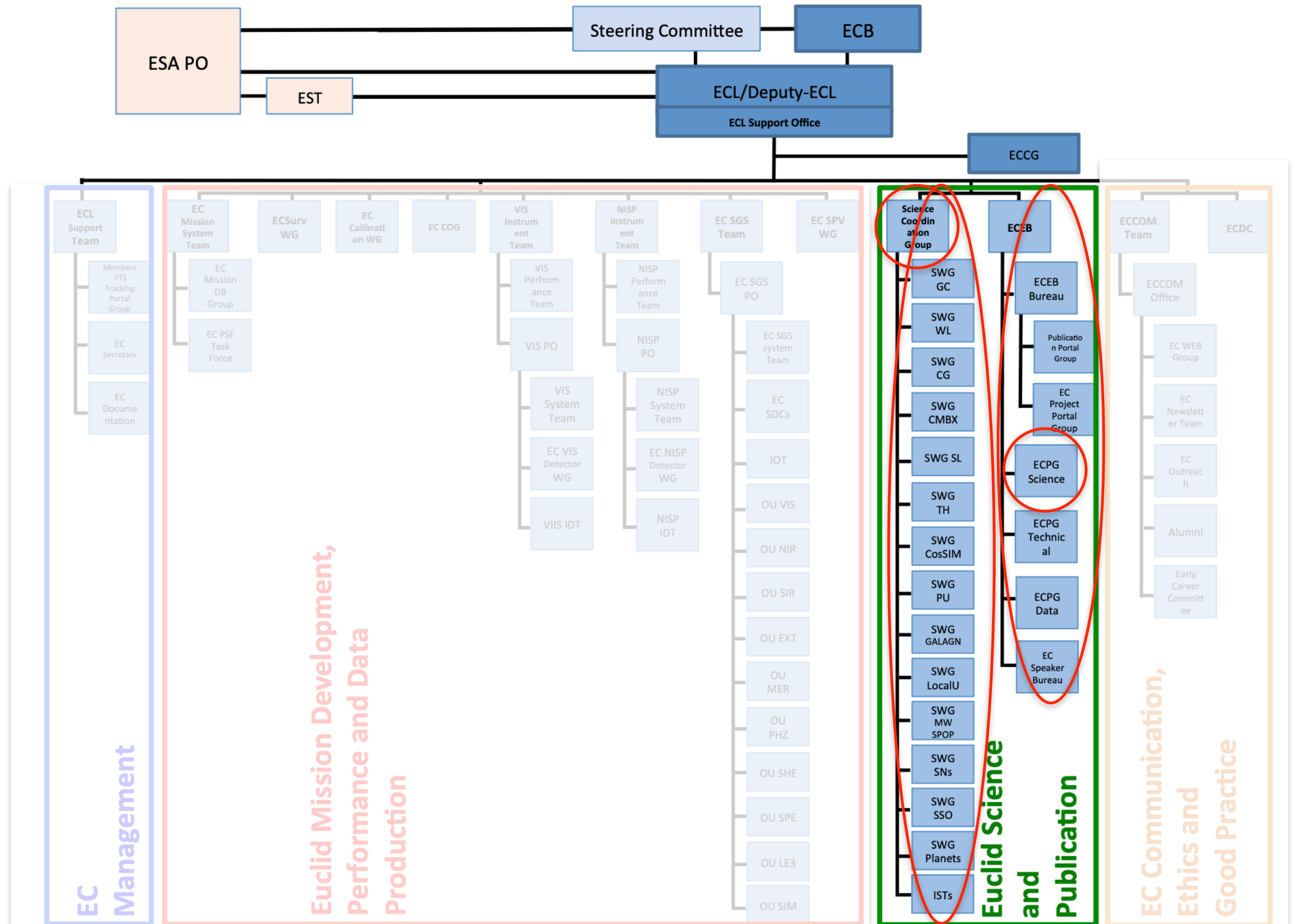
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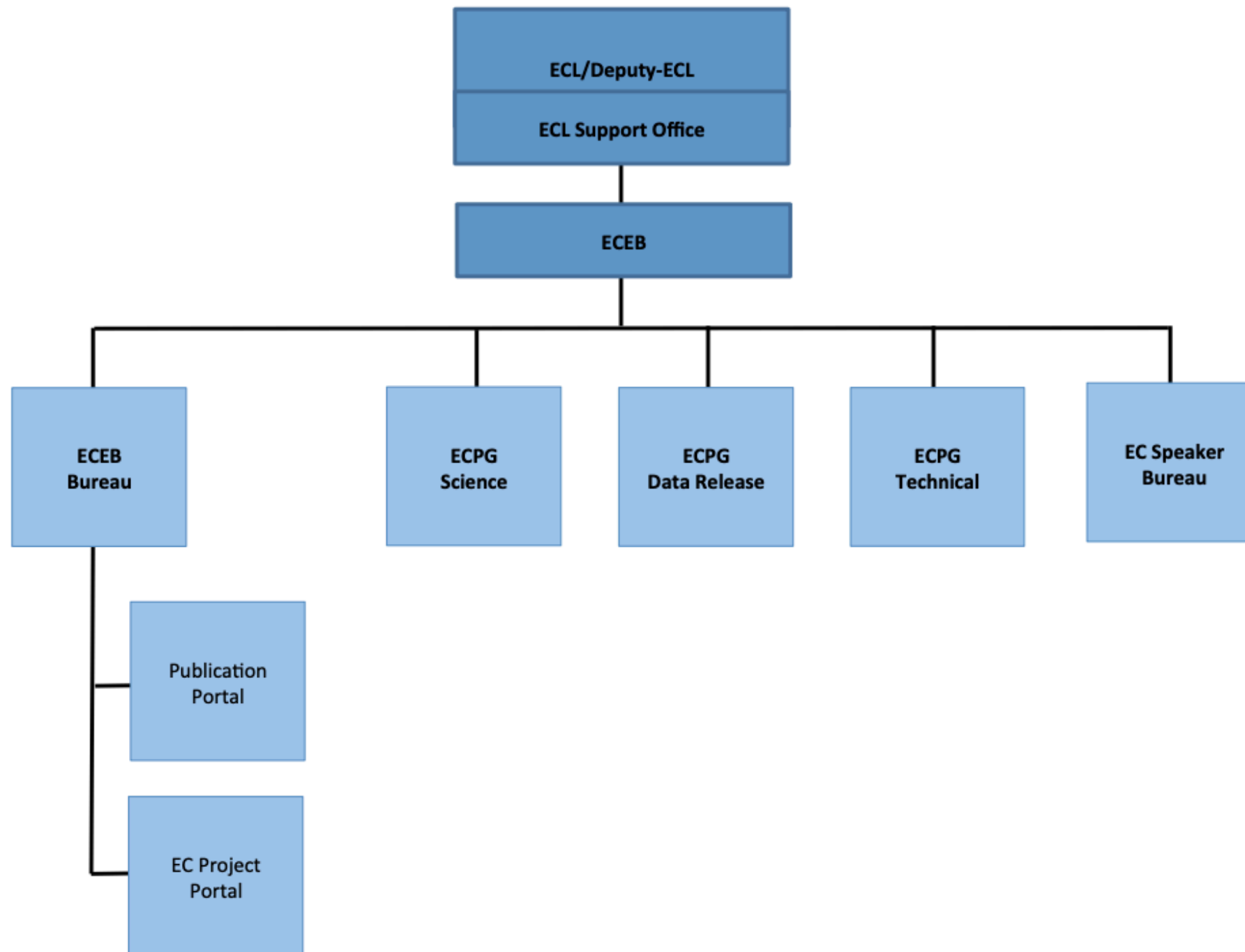
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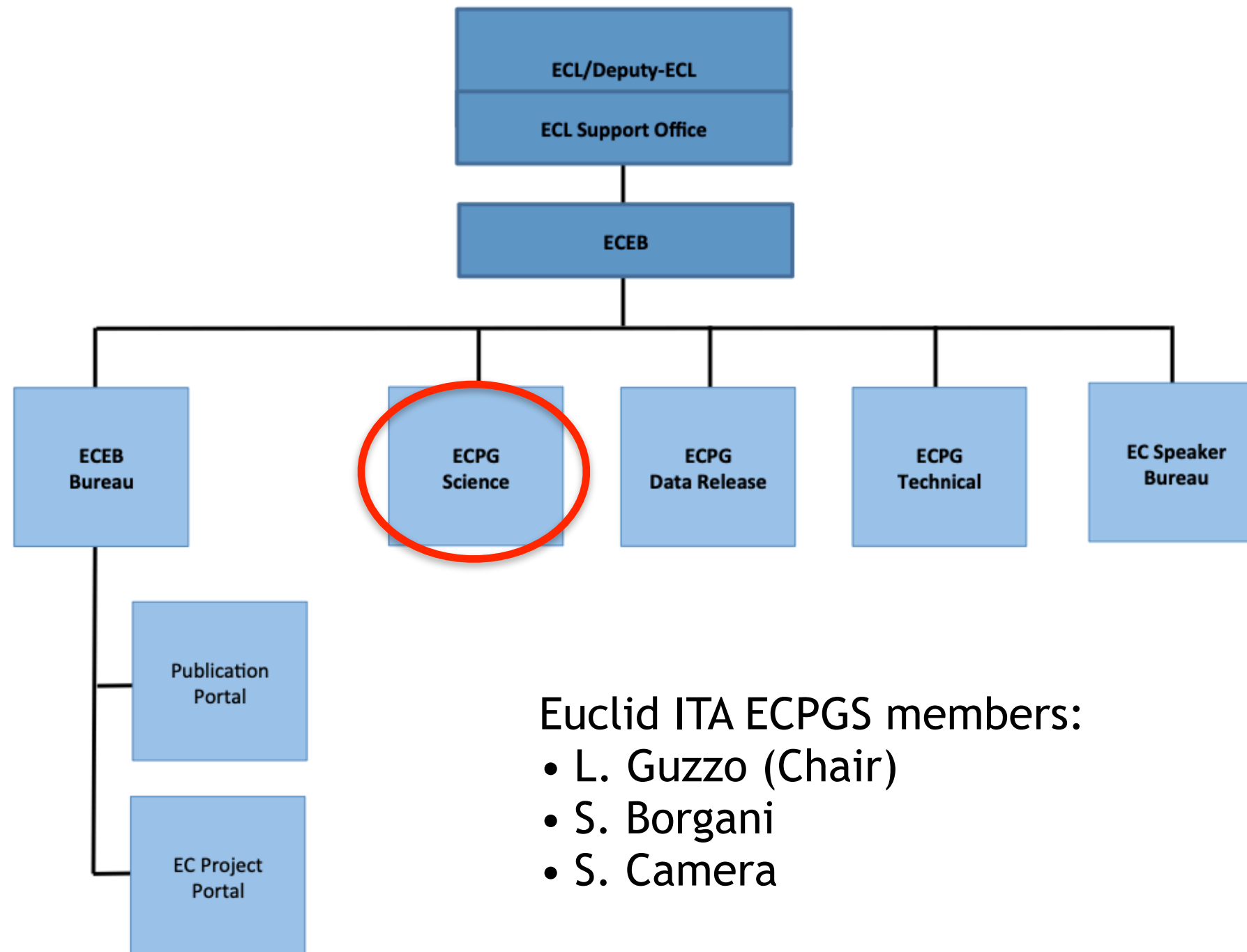
EC science: from project proposals to papers



EC Publication Groups



EC Publication Groups



Euclid ITA ECPGS members:

- L. Guzzo (Chair)
- S. Borgani
- S. Camera

DR1 Science KP Definition Document

	DR1 Science Key Projects Definition Document	Ref.: EUCL-UMI-PUB-X-YYY Issue: 1.3 Date: 15/7/24 Page: 1/100
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Title:	Euclid Consortium DR1 science Key Projects document		
Date:	15/7/2024	Issue:	1.3
Reference:	EUCL-UMI-PUB-X-YYY		
Custodians:	L. Guzzo, J. Brinchmann		


Prepared by:		Date :	Signature :
L. Guzzo, J. Brinchmann Science Coordination Group	ECPG-S Chairs		
Contributors:			
ECPG-Science (Members listed in Appendix A), Science Working Groups, IST:L, IST:NL, OU-LE3			
Endorsed by:			
...			

The DR1 KP scenario



	# KPs	# papers
JOINT COSMOLOGY	4	17
Galaxy Clustering	8	29
Weak lensing +LE3	9	34
Strong Lensing	4	23
Theory	2	6
CMB X-Corr	4	15
Cosm. Simulations	1	1
Galaxy Clusters	8	37
JOINT LEGACY	3	19
Galaxy & AGN Evolution	7	50
Primeval Universe	5	43
Local Universe	4	23
Milky Way & RSP	3	15
SNe and Transients	1	2
TOTAL:	63	>300
active (1st July 2025):	57	

Open calls for KP Coordinators

Questions Responses **1** Settings



DR1 Key Project application form

B I U  

[The DR1 KP list](#)

Email *

Valid email address

This form is collecting email addresses. [Change settings](#)

Name *

First and last name

Short-answer text

Affiliation *

Short-answer text

Country *

Short-answer text

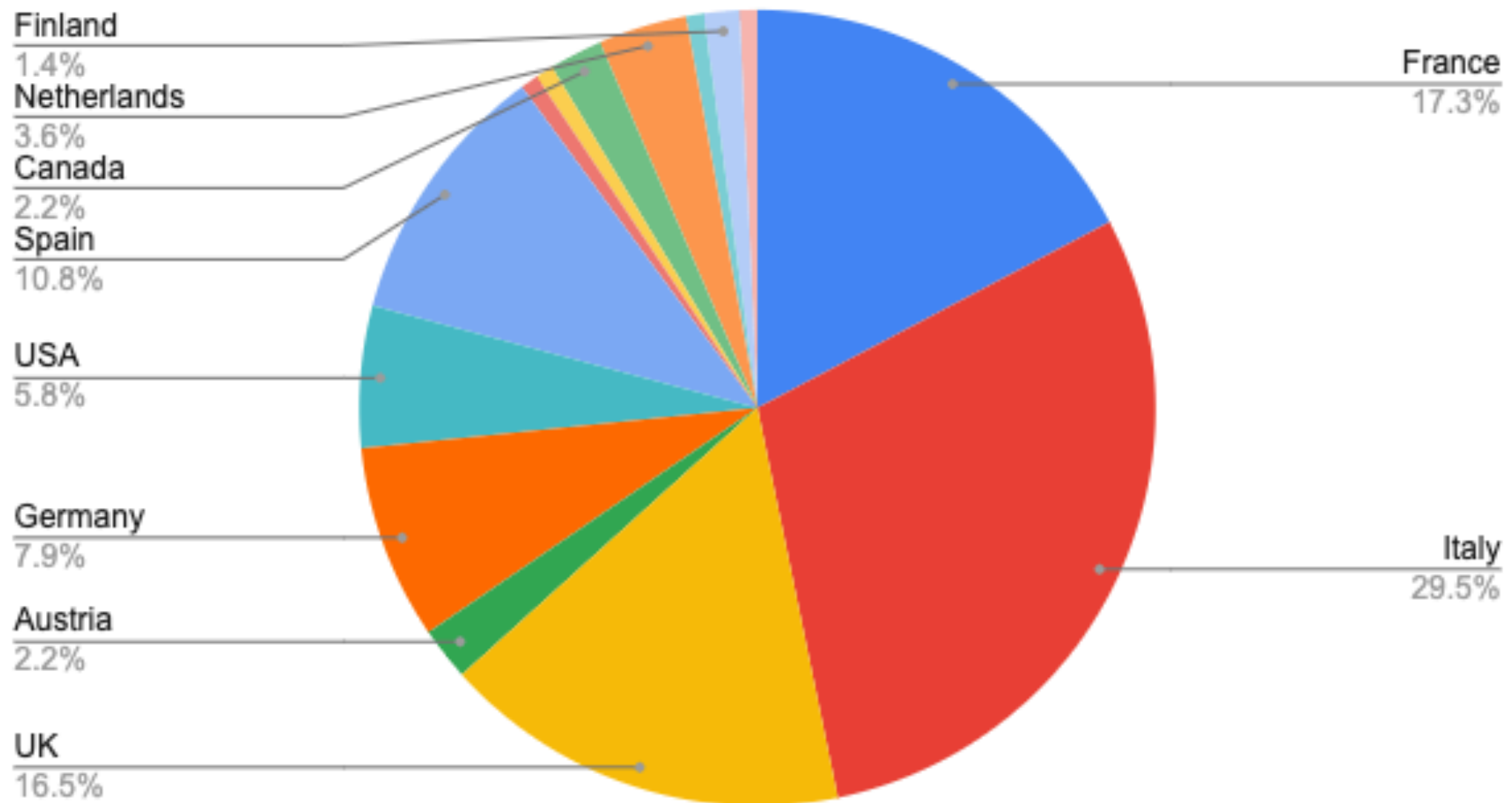
Career stage *

1. June 2024
2. October 2024
3. June 2025 (ongoing)

How is the Italian community doing?

DR1 KP Coordinators: country distribution (1st round, July 2024)

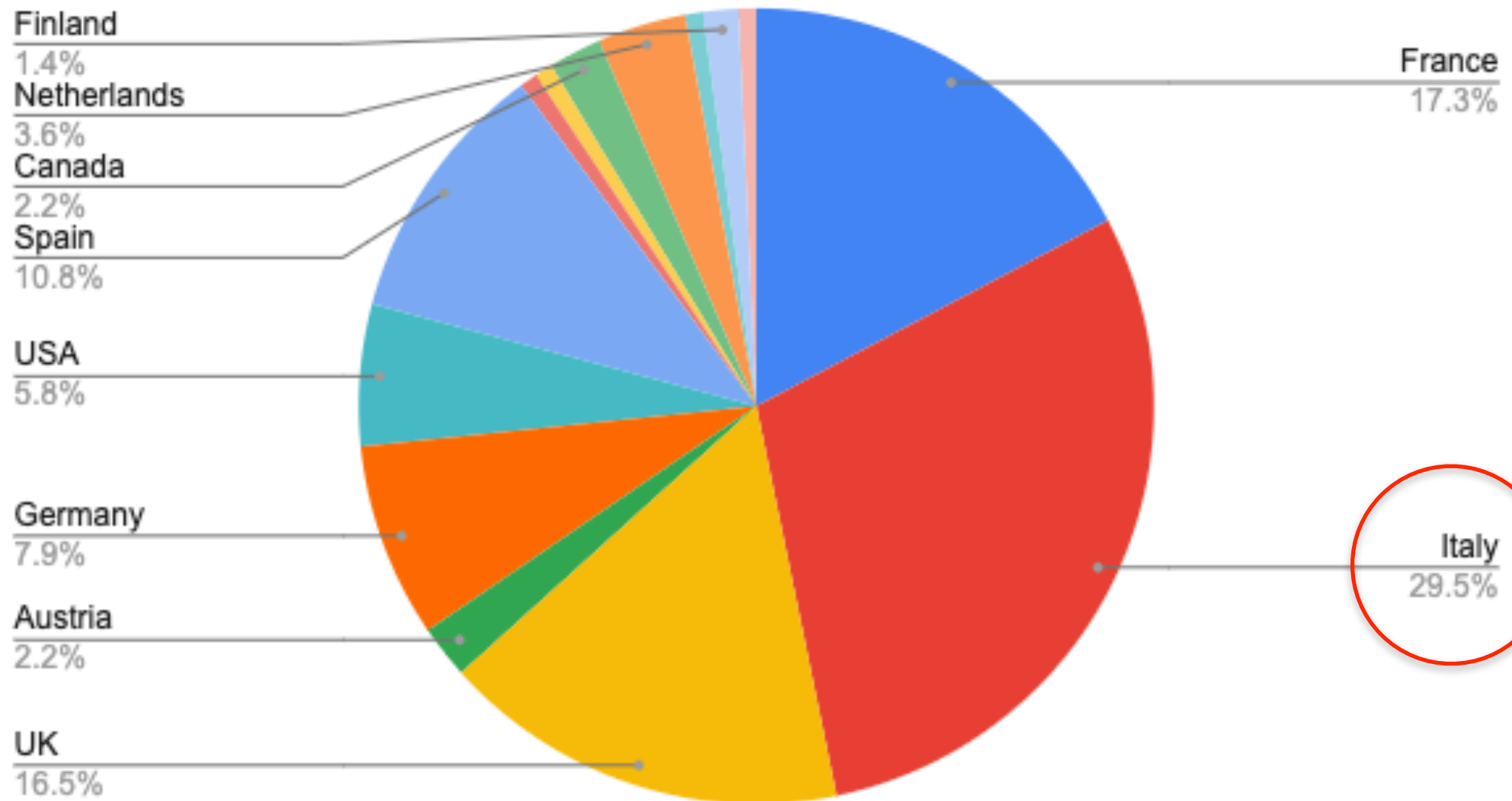
Country distribution



ITA: 23 out of 85 coordinators

DR1 KP Coordinators: country distribution (1st round, July 2024)

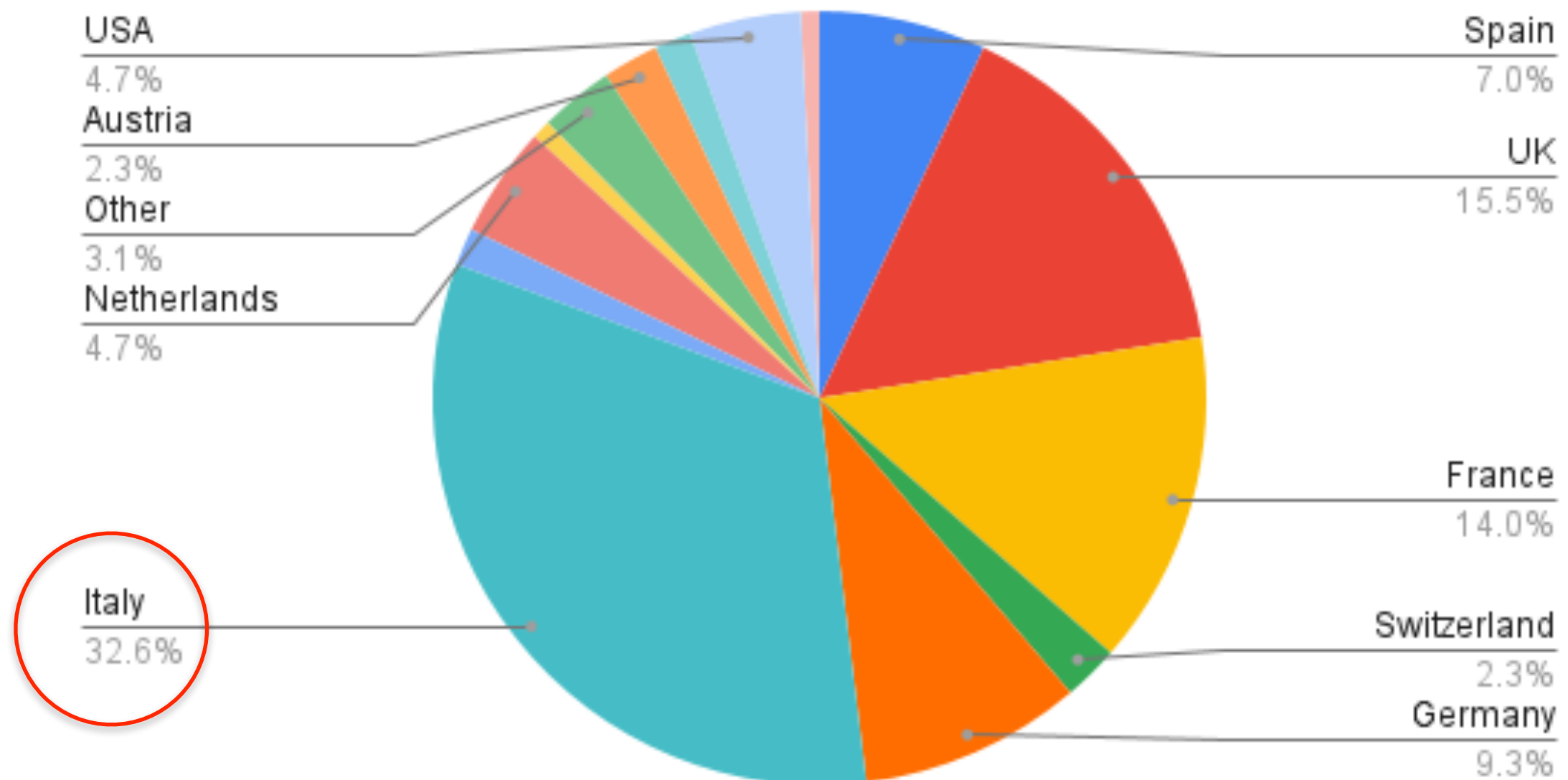
Country distribution



ITA: 23 out of 85 coordinators

Same after 2nd round (Fall 2024)

Country distribution of DR1 KP Coordinators (Jun 2025)



ITA: 42 out of 129 coordinators

Career stage distribution (ITA only)

KP Coord. career stage (Italian only)

PhD student

2.6%

Junior faculty

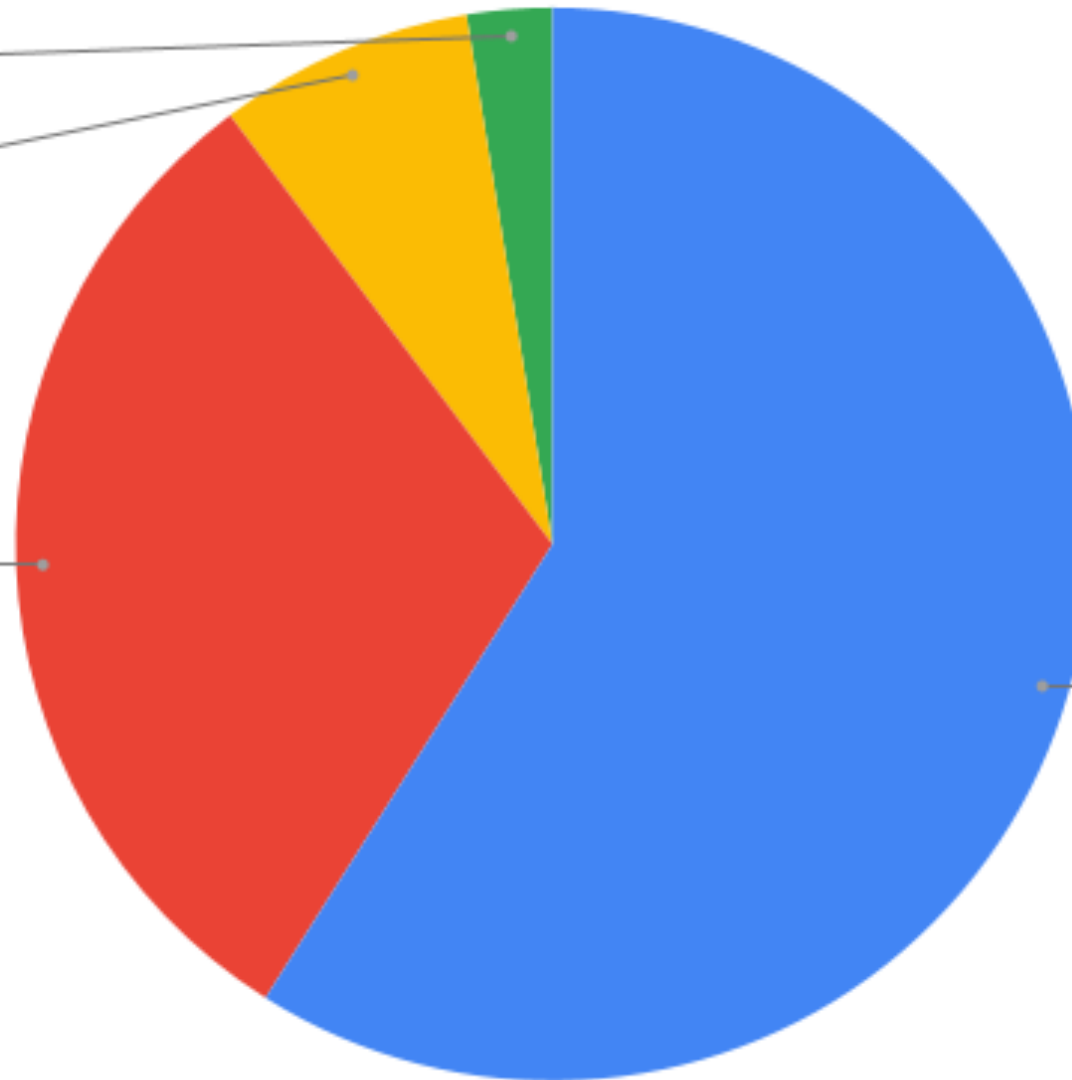
7.7%

Postdoc

30.8%

Senior faculty

59.0%



Summary

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- The future:
 1. Deliver promised science!
 2. Consolidate roles of the youngest generation
 3. Try and extend into areas where we are less present (Weak Lensing), to fully benefit of full cosmological power of Euclid

Q & A discussion on KP development

Extra slides

Science Project Flow

Science Project Flow

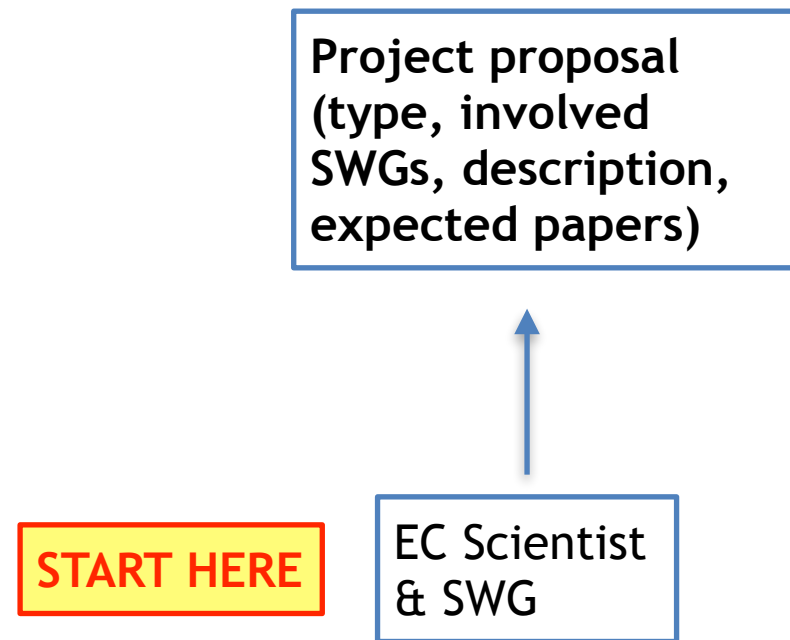
EC Scientist
& SWG

Science Project Flow

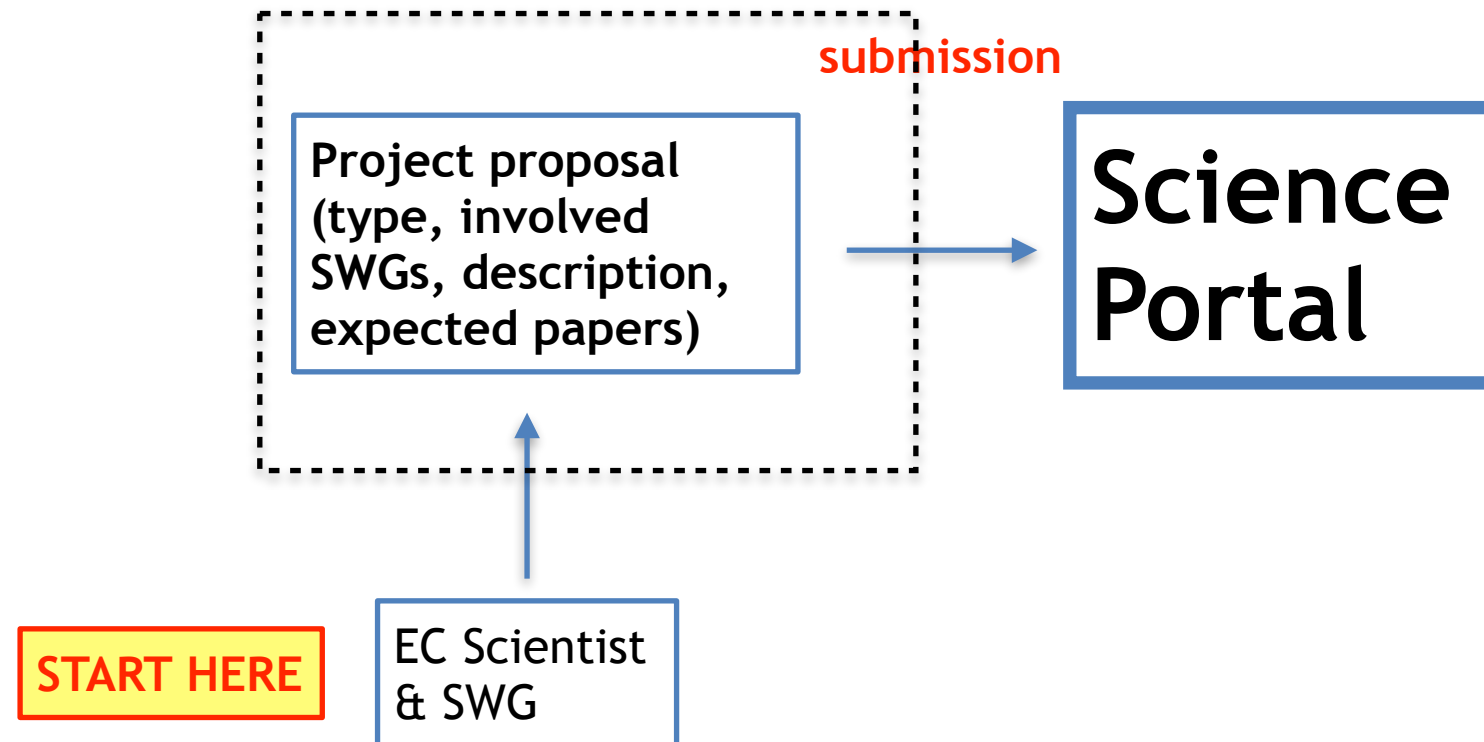
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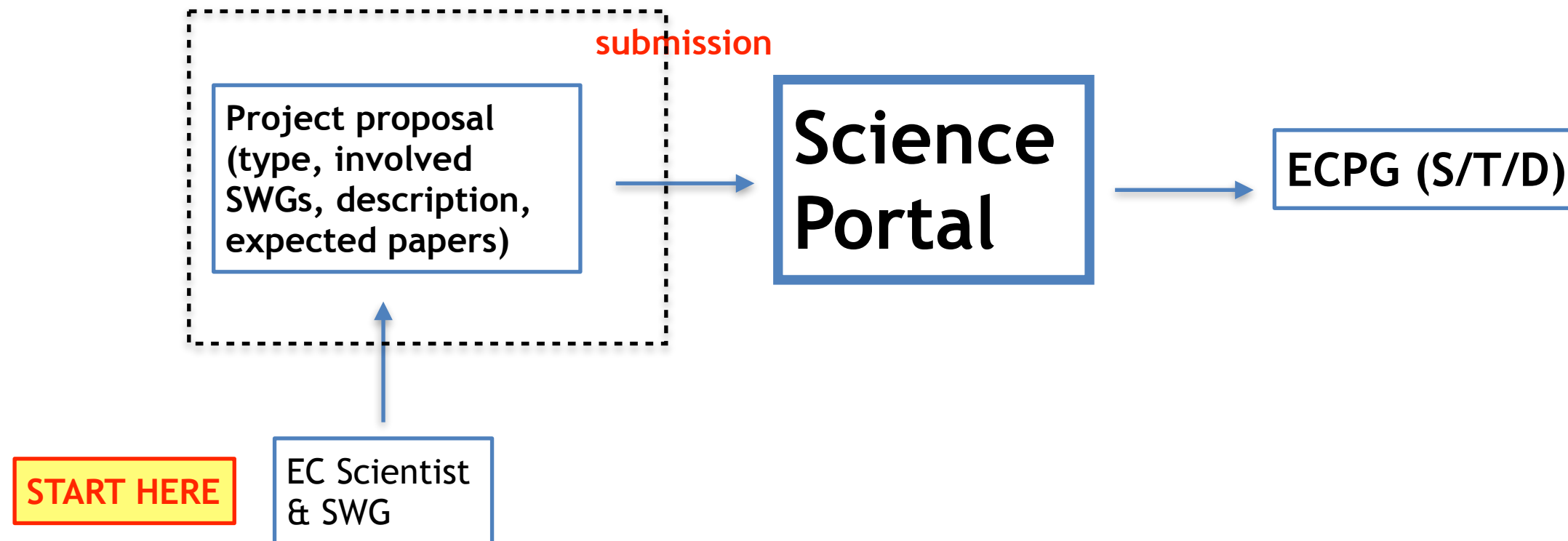
Science Project Flow



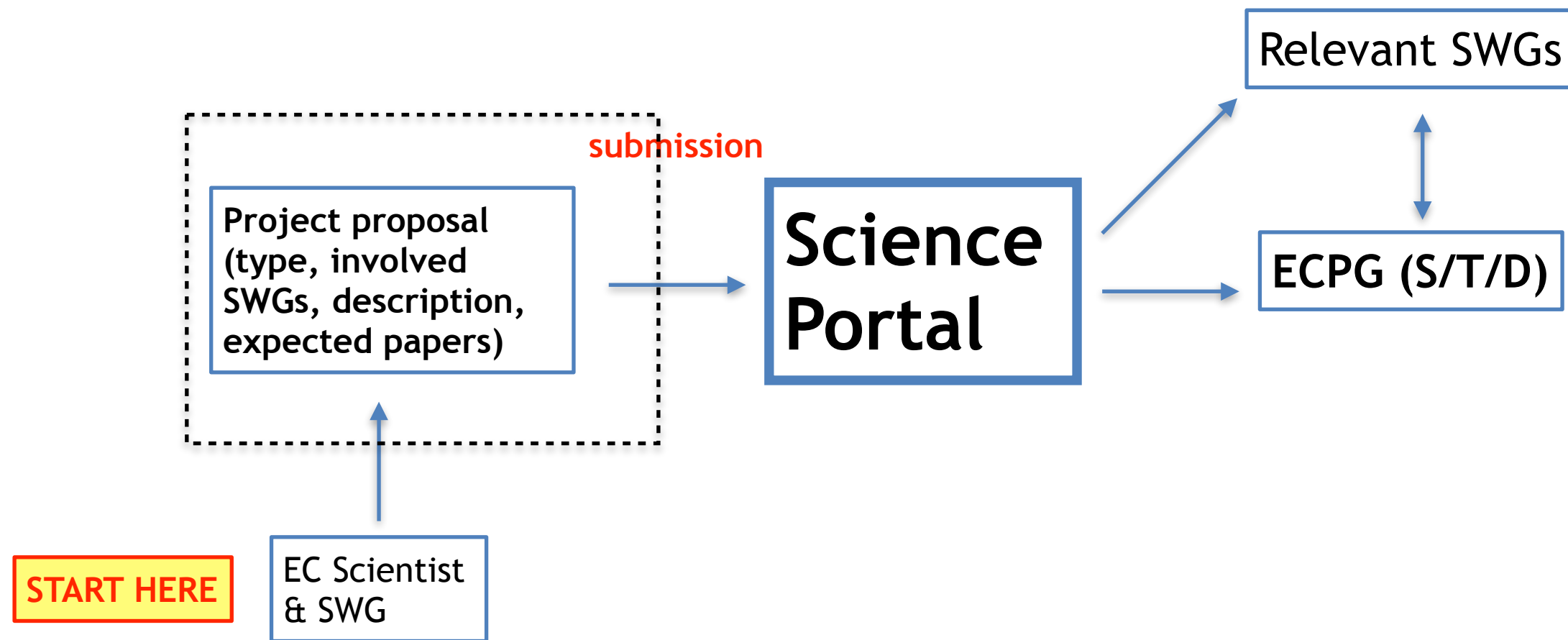
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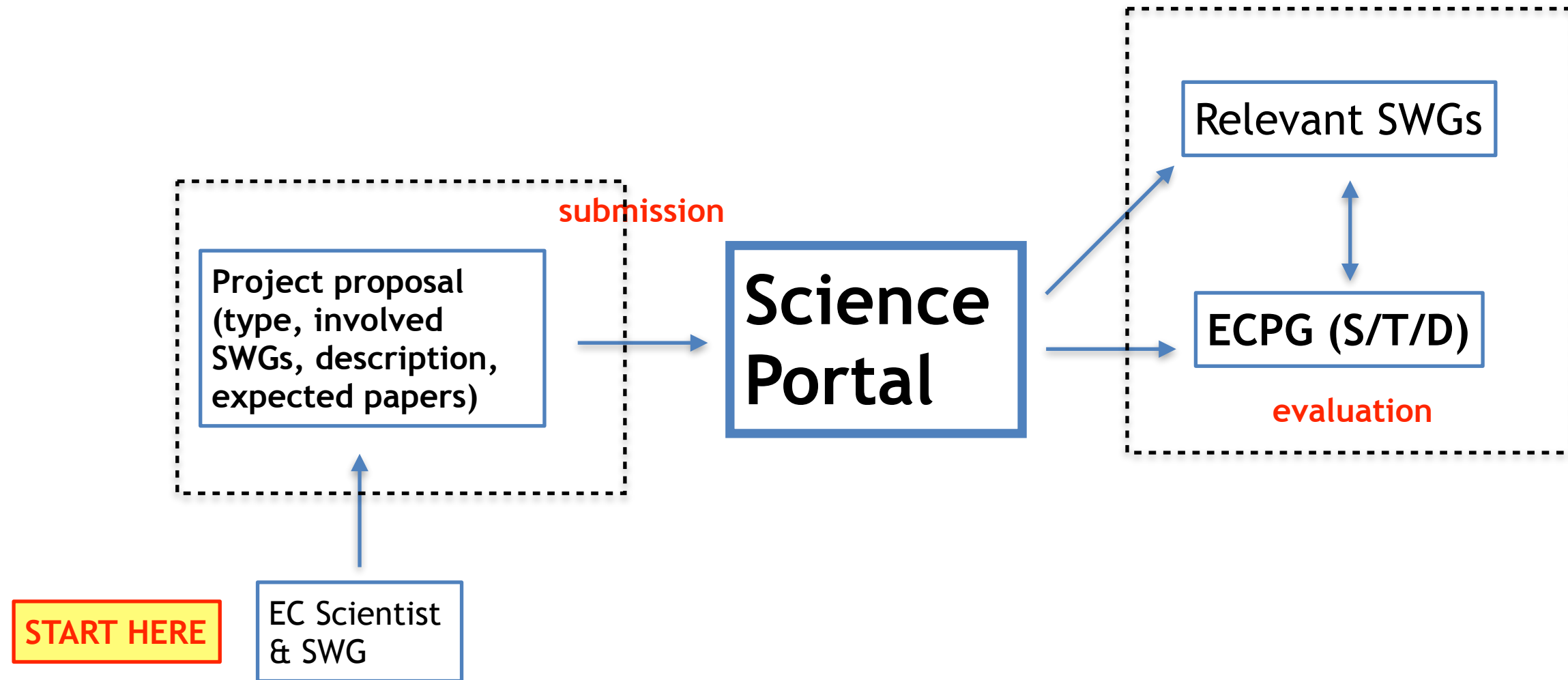
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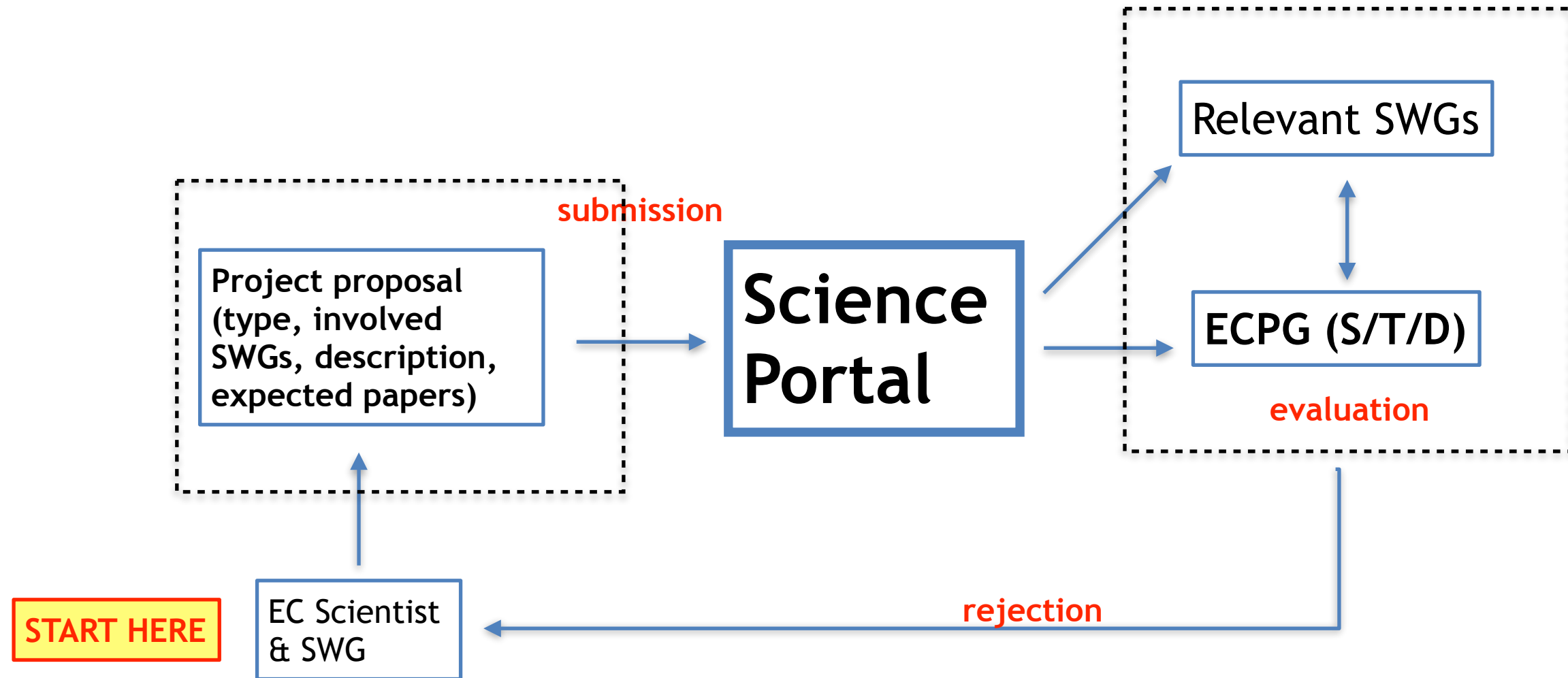
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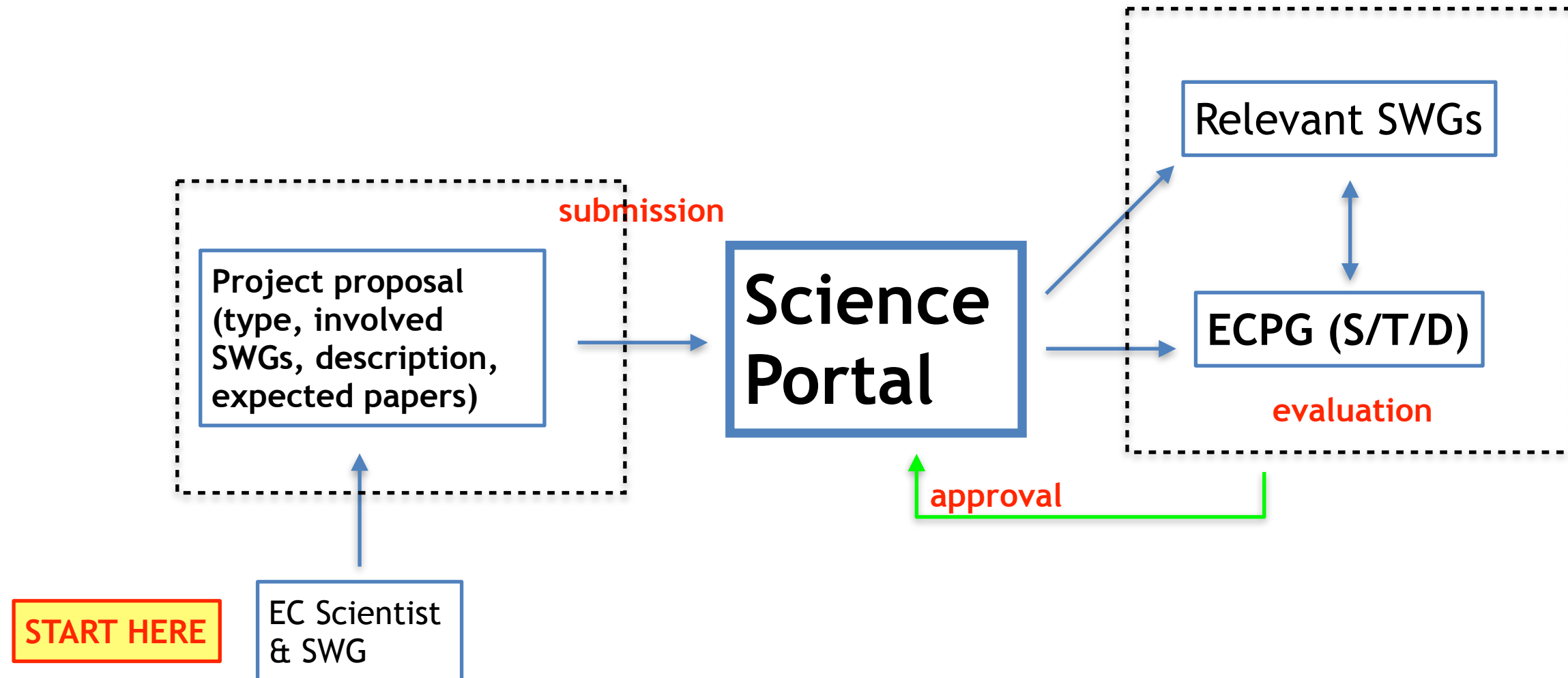
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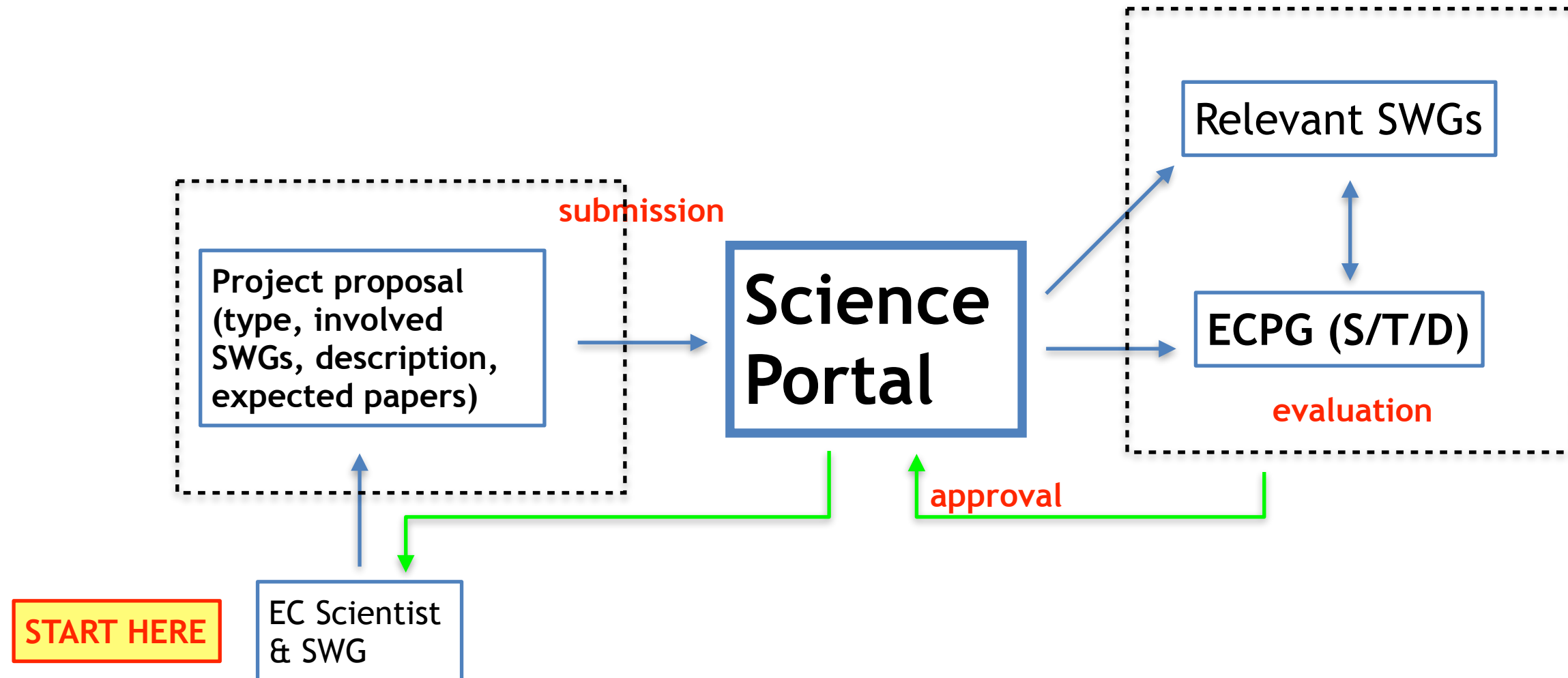
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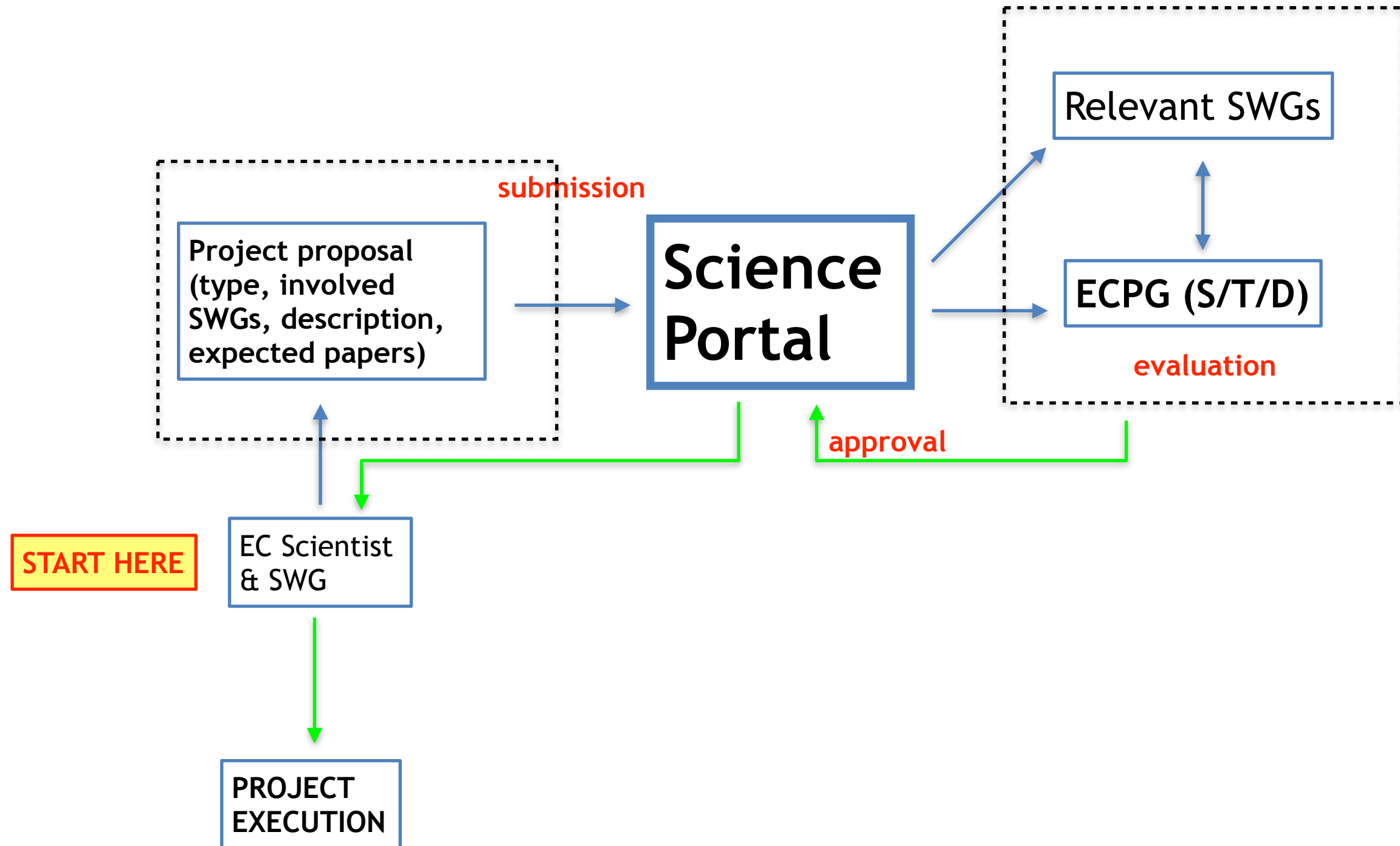
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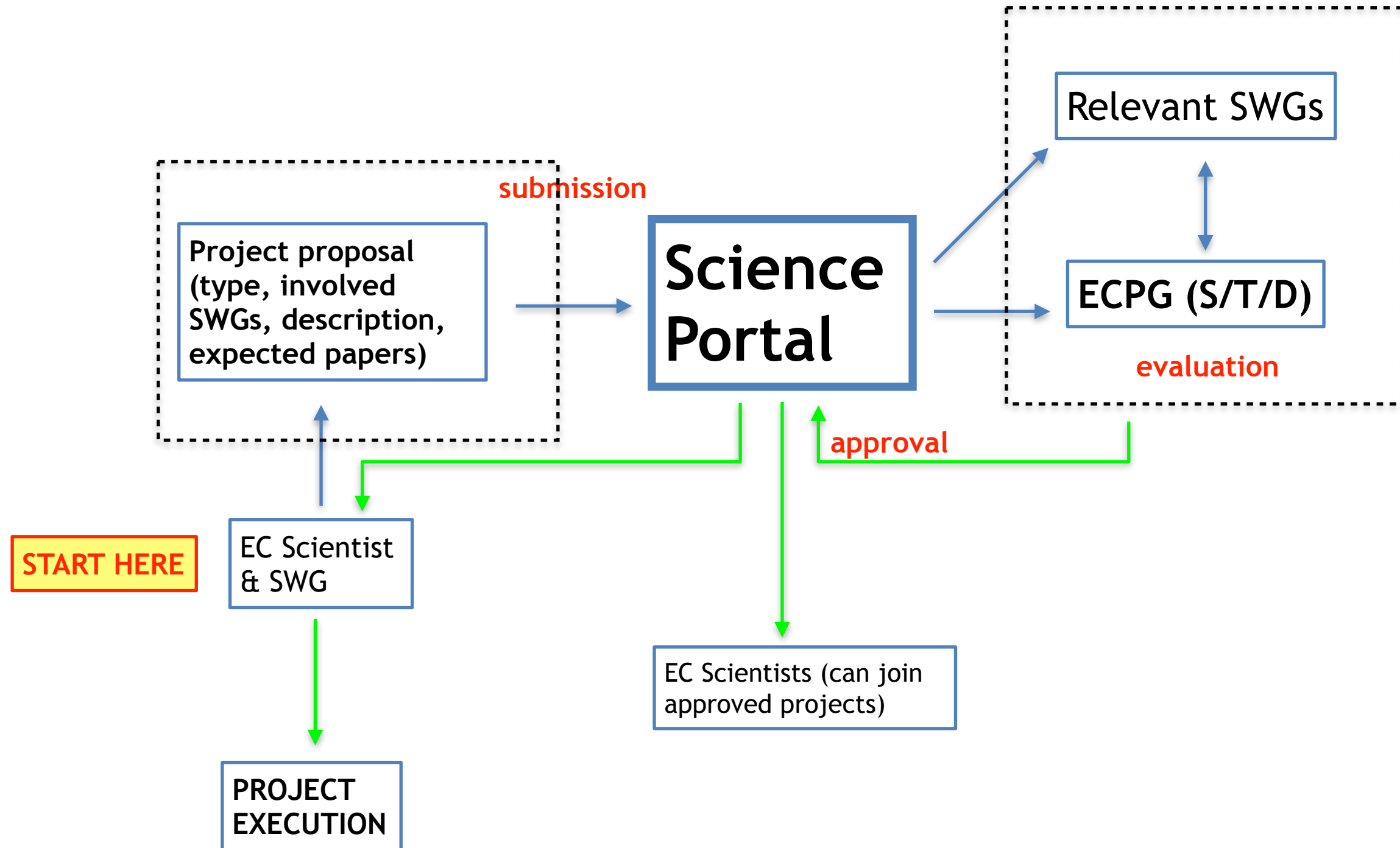
Science Project Flow



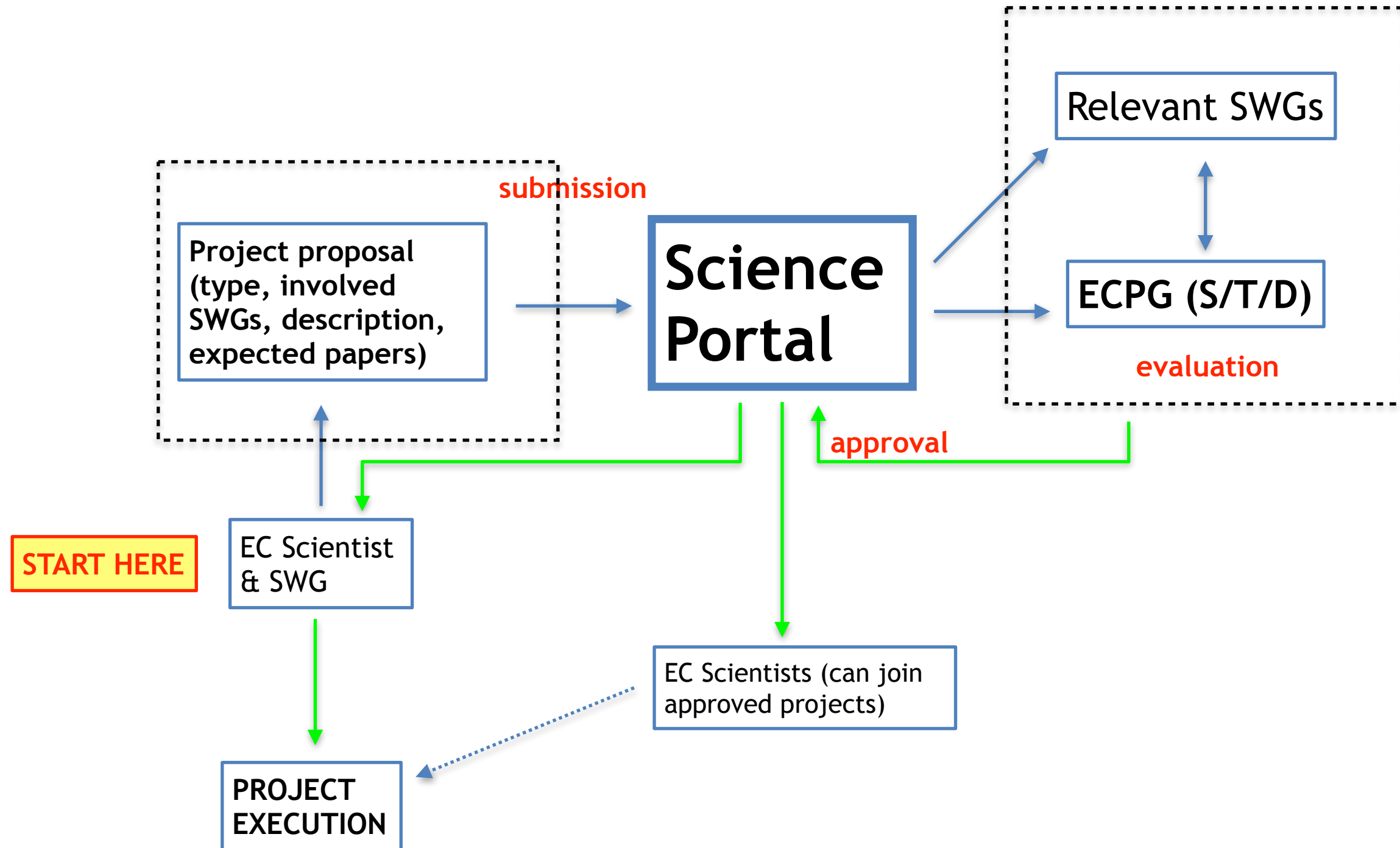
Science Project Flow



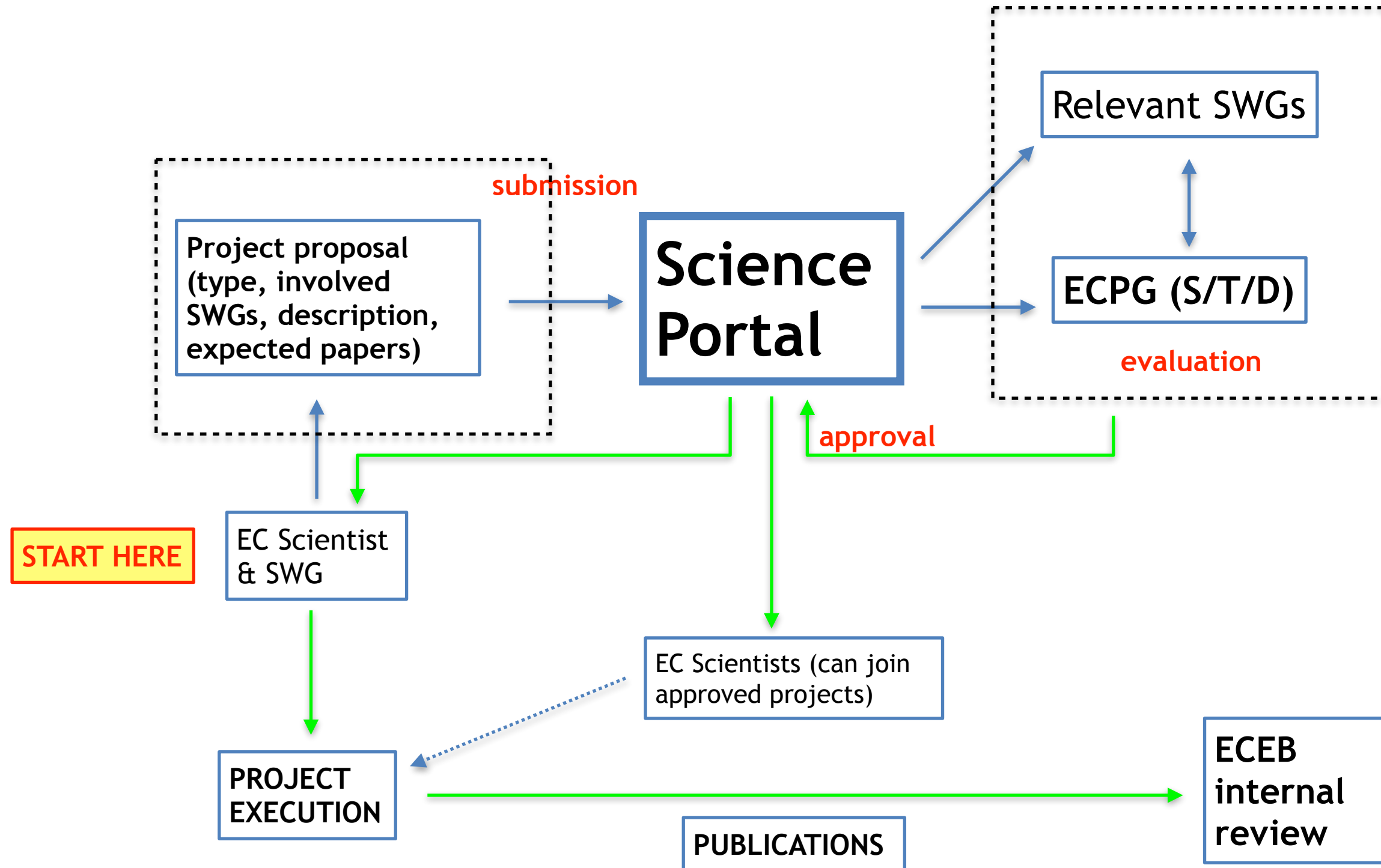
Science Project Flow



Science Project Flow




Science Project Flow



Science flow: from projects to publications



	Project Definition Document	Ref.: Issue: Date: Page:	 07/05/20 1/21
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Title :	Euclid Consortium Standard and Key Project Definition Document		
Date:	07/05/20	Issue:	Version 1.1
Reference:			
Custodian:	Luigi Guzzo, Hendrik Hoekstra, Thomas Kitching, William Percival		

Authors :	Date :	Signature :
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Contributors :		
Yannick Mellier Peter Schneider The ECPG members are listed in the appendices outlining the key projects		
Approved by :		
ECB		
Authorised by :		
Yannick Mellier		

Euclid Consortium Publication Policy

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Approved:	Date:	Signature:
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Authorised:	Date:	Signature:
Yannick Mellier	February 14, 2018	

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Regulating the process: the Project Definition Document (PDD) Amendment v1.4

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3. Explicit coordination among KPs and improved links to SWG-specific sub-projects

Setting up selection panels

1. **PANEL JA: Joint Cosmology Key Projects #1 & #2**
 - 9 members
2. **PANEL JB: Joint Cosmology Key Project #3**
 - 11 members
3. **PANEL GC: Galaxy Clustering SWG (GC-SWG)**
 - 6 members
4. **PANEL WL : Weak Lensing SWG (WL-SWG)**
 - 6 members
5. **PANEL SL: Strong Lensing SWG (SL-SWG)**
 - 6 members
6. **PANEL TH: Theory SWG (TH-SWG)**
 - 7 members
7. **PANEL CL: Clusters of Galaxies SWG (CL-SWG)**
 - 10 members
8. **PANEL SIM: Cosmological Simulations SWG (CS-SWG)**
 - 6 members
9. **PANEL CMBX: CMB-Cross SWG (CMBX-SWG)**
 - 8 members
10. **PANEL LU: Local Universe SWG (LU-SWG)**
 - 4 members
11. **PANEL MW: Milky Way and Resolved Stellar Pop. SWG (MW-SWG)**
 - 4 members
12. **PANEL SNT: Supernovae and Transients SWG (SNT-SWG)**
 - 4 members

- ~50 EC members involved: bottom-up process with global coordination

Coordinating and overseeing the review process

APPLICATION SCORING CARD

1. The applicant has relevant experience in the corresponding research area, within previous projects or within the Euclid Consortium
2. The applicant has demonstrated leadership within previous projects in the corresponding research area or within the Euclid Consortium
3. The applicant has been active in the Euclid Consortium
4. The applicant presented a clear plan for implementation of the Key Project
5. The position fits with the other commitments of the candidate as judged from their CV

Coordinating and overseeing the review process: common shared schedule of panel meetings

PanelMeetings									
Tr PANEL	Tr Chair (contact person)	Panel members	Meeting #	Start time	Zoom link	Notes			
JA	wperciva@uwaterloo.ca	Baccigalupi, Guzzo, Hoekstra, Percival, Hall, Y. Wang, Silvestri, Angulo, Sauvage	Meeting 1	18/07/2024 18:00:00	https://uwaterloo.zoom	Notes			
JB	ahall@roe.ac.uk	Baccigalupi, Brinchmann, Conselice, Guzzo, Hoekstra, Percival, Hall, Courbin, Weller	Meeting 1	17/07/2024 11:00:00	https://ed-ac-uk.zoom	Notes			
GC	wang@ipac.caltech.edu	Branchini, Percival, Porciani, Y. Wang; Castander & Hall (KP#8 only)	Meeting 1	18/07/2024 17:00:00	https://zoom.us/j/678	Notes			
WL	hoekstra@strw.leidenuniv.nl	Hoekstra, Hall, Cardone, Nakajima, Starck, de la Torre	Meeting 1	17/07/2024 14:00:00	https://universiteitleid	Notes			
SL	gavazzi@iap.fr	Courbin, Grillo, Gavazzi, Wang, Giocoli, Markovic	Meeting 1	17/07/2024 17:30:00	https://univ-amu-fr.zo	Dates TBC			
TH	kazuya.koyama@port.ac.uk	Koyama, Silvestri, Camera, Hoekstra, Percival, Cardone	Meeting 1	16/07/2024 17:00:00	https://port-ac-uk.zoom	Notes			
			Meeting 2	18/07/2024 15:00:00	https://port-ac-uk.zoom	Notes			
CL	jochen.weller@lmu.de	Weller, Borgani, Hildebrandt, Hoekstra, Biviano, L. Wang, Y. Wang, Meneghetti, Ilic	Meeting 1	16/07/2024 16:30:00	https://lmu-munich.zo	Notes			
SIM	reangulo@gmail.com	Angulo, Schneider, Pozzetti, Hoekstra, Brinchmann, Borgani	Meeting 1	dd/mm/yyyy xx:xx	Zoom link	Notes			
CMBX	ilic@ijclab.in2p3.fr	Ilic, Baccigalupi, Lattanzi, Cardone, Monaco, Koyama, Bartlett, Baccigalupi	Meeting 1	dd/mm/yyyy xx:xx	Zoom link	Notes			
LU	conselice@manchester.ac.uk	Conselice, Saifollah, Larson	Meeting 1	dd/mm/yyyy xx:xx	Zoom link	Notes			
MW	bertrand.goldman@isunet.edu	Goldman, XXX, YYY, Huertas-Company	Meeting 1	dd/mm/yyyy xx:xx	Zoom link	Notes			
SNT	maria.botticella@inaf.it	Botticella, Moriya, Paterson, Conselice	Meeting 1	11/07/2024 15:40:00	http://meet.google.cor	Notes			
GAEV	Chair (contact person)			dd/mm/yyyy xx:xx	Zoom link	Notes			
PU	Chair (contact person)			dd/mm/yyyy xx:xx	Zoom link	Notes			