

HORIZON EUROPE

The EU Research and Innovation Programme 2021-2027

New Zealand – Canada

Horizon Europe Cluster 5 webinar

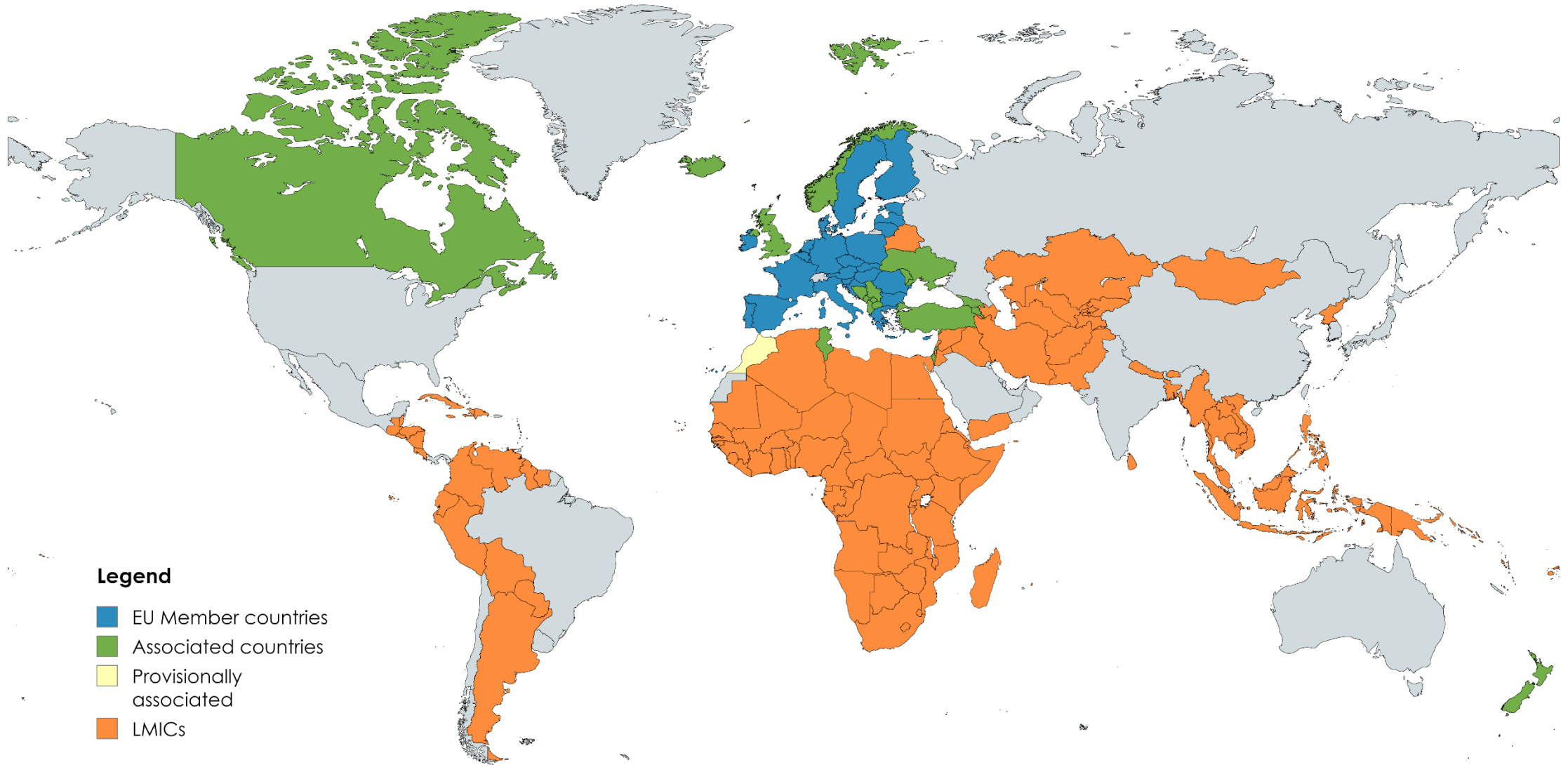


**MINISTRY OF BUSINESS,
INNOVATION & EMPLOYMENT**
HĪKINA WHAKATUTUKI

Te Kāwanatanga o Aotearoa
New Zealand Government



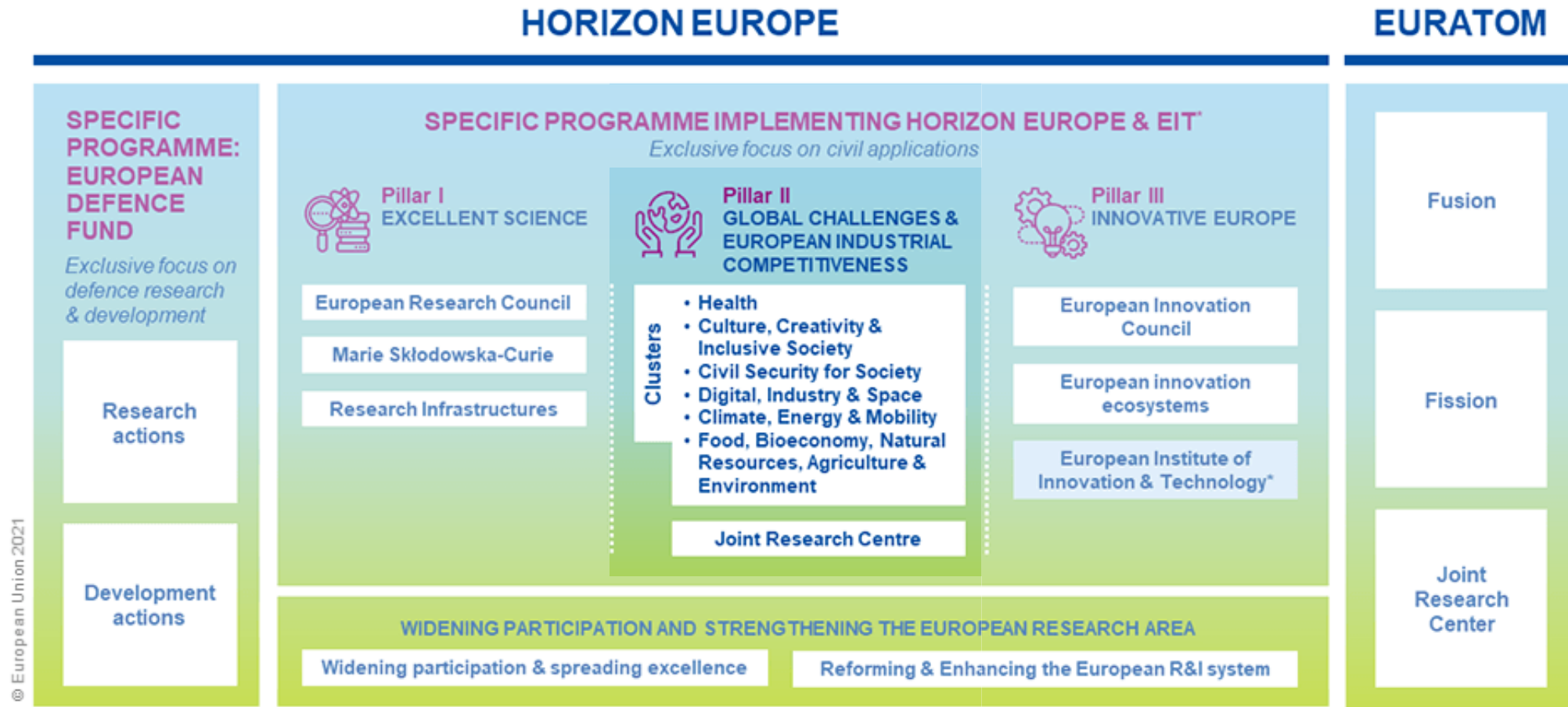
Horizon Europe countries



Legend

- EU Member countries
- Associated countries
- Provisionally associated
- LMICs

Horizon Europe Pillar II



- Key features
- Top-down
 - Impact focus
 - Eligibility
 - Multinational consortia requirement

* The European Institute of Innovation & Technology (EIT) is not part of the Specific Programme

Clusters and Destinations

<p>Cluster 1 - Health</p> <ol style="list-style-type: none"> 1. Staying healthy 2. Living & working in a health-promoting environment 3. Tackling diseases & reducing disease burden 4. Innovative, sustainable and high-quality healthcare 5. Unlocking the full potential of new tools, technologies and digital solutions for a healthy society 6. Maintaining an innovative, sustainable & globally competitive health industry 	<p>Cluster 2 – Culture, Creativity and Inclusive Society</p> <ol style="list-style-type: none"> 1. Democracy and Governance 2. European Cultural Heritage and the Cultural and Creative Industries 3. Social and Economic transformations 	<p>Cluster 3 – Civil Security for Society</p> <ol style="list-style-type: none"> 1. Better protect the EU and its citizens against Crime and Terrorism 2. Effective management of EU external borders 3. Protected infrastructure 4. Increased Cybersecurity 5. A Disaster-Resilient Society for Europe 6. SSRI (Strengthened Security Research and Innovation) 	<p>Cluster 4 – Digital, Industry and Space</p> <ol style="list-style-type: none"> 1. Climate neutral, circular and digitised production 2. Increased autonomy in key strategic value chains for resilient industry 3. World leading data and computing Technologies 4. Digital and emerging Technologies for competitiveness and fit for the green deal 5. Open strategic autonomy in developing, deploying and using global space-based infrastructures, services, applications and data 6. A human-centred and ethical development of digital and industrial technologies 	<p>Cluster 5 – Climate, Energy and Mobility</p> <ol style="list-style-type: none"> 1. Climate science and responses 2. Cross-sectoral solutions for the climate transition 3. Sustainable, secure and competitive energy supply 4. Efficient, sustainable and inclusive energy use 5. Clean and competitive solutions for all transport modes 6. Safe, Resilient Transport and Smart Mobility services for passengers and goods 	<p>Cluster 6 – Food, Bioeconomy, Natural Resources, Agriculture and Environment</p> <ol style="list-style-type: none"> 1. Biodiversity and Ecosystem services 2. Fair, healthy and environmentally-friendly food systems from primary production to consumption 3. Circular economy and bioeconomy sectors 4. Clean environment and zero pollution 5. Land, oceans and water for climate action 6. Resilient, inclusive, healthy and green rural, coastal and urban communities 7. Innovative governance, environmental observations and digital solutions in support of the Green Deal 	
<p>Budget 2021-27 (€ million)</p>	<p>8,426</p>	<p>2,280</p>	<p>1,596</p>	<p>15,349</p>	<p>15,123</p>	<p>8,952</p>

EU Missions

- [Adaptation to Climate Change \(CL5\)](#)
 - support at least 150 European regions and communities to become climate resilient by 2030
- [Cancer \(CL1\)](#)
 - improve the lives of more than 3 million people by 2030 through prevention, cure and solutions to live longer and better
- [Restore our Ocean and Waters by 2030 \(CL5\)](#)
- [100 Climate-Neutral and Smart Cities by 2030 \(CL5\)](#)
- [A Soil Deal for Europe \(CL6\)](#)
 - 100 living labs and lighthouses to lead the transition towards healthy soils by 2030



European Partnerships in Horizon Europe

PILLAR II - Global challenges & European industrial competitiveness

PILLAR III - Innovative Europe

CLUSTER 1: Health	CLUSTER 2: Culture, Creativity, Inclusive Societies	CLUSTER 4: Digital, Industry & Space	CLUSTER 5: Climate, Energy & Mobility	CLUSTER 6: Food, Bio-economy, Agriculture, Env...	EUROPEAN INNOVATION ECOSYSTEMS
Innovative Health Initiative	Resilient Cultural Heritage	Key Digital Technologies	Clean Hydrogen	Circular Bio-based Europe	Innovative SMEs
Global Health Partnership	Social Transformations and Resilience	Smart Networks & Services	Clean Aviation	R&I in the Mediterranean Area (PRIMA)**	
Transformation of health systems		High Performance Computing	Single European Sky ATM Research 3	Rescuing Biodiversity to Safeguard Life on Earth	EIT
Chemicals risk assessment		European Metrology (Art. 185)	Europe's Rail	Climate Neutral, Sustainable & Productive Blue Economy	InnoEnergy
ERA for Health		AI-Data-Robotics	Connected and Automated Mobility (CCAM)	Water4All	Climate
Rare diseases*		Photonics	Batteries	Animal Health & Welfare*	Digital
One-Health Anti Microbial Resistance*		Made in Europe	Zero-emission waterborne transport	Accelerating Farming Systems Transitions*	Food
Personalised Medicine*		Clean steel – low-carbon steelmaking	Zero-emission road transport	Agriculture of Data*	Health
Pandemic Preparedness* <i>Co-funded or co-programmed</i>		Processes4Planet	Built4People	Safe & Sustainable Food System*	Raw Materials
Brain Health		Global competitive space systems**	Solar Photovoltaics	Forests and Forestry for a sustainable Future	Manufacturing
		Innovative Materials for EU (I AM for EU)	Clean Energy Transition		Urban Mobility
		Virtual Worlds	Driving Urban Transitions		Cultural and Creative Industries
		Textiles of the Future			
		Raw Materials for the Green and Digital Transition			

CROSS-PILLARS I AND II

European Open Science Cloud

Orange box: Institutionalised Partnerships (Art 185/7)

Green box: Institutionalised partnerships / EIT KICs

Dark blue box: Co-Programmed

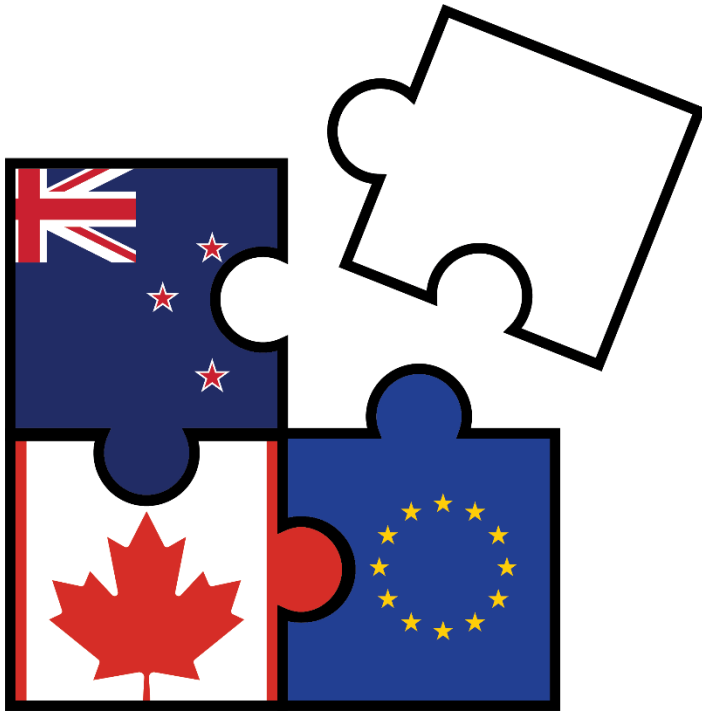
Light blue box: Co-Funded

Red box: New European Partnerships under the Horizon Europe Strategic Plan 2025-2027

* To be launched in 2023-24

** Direct continuation of a H2020 partnership

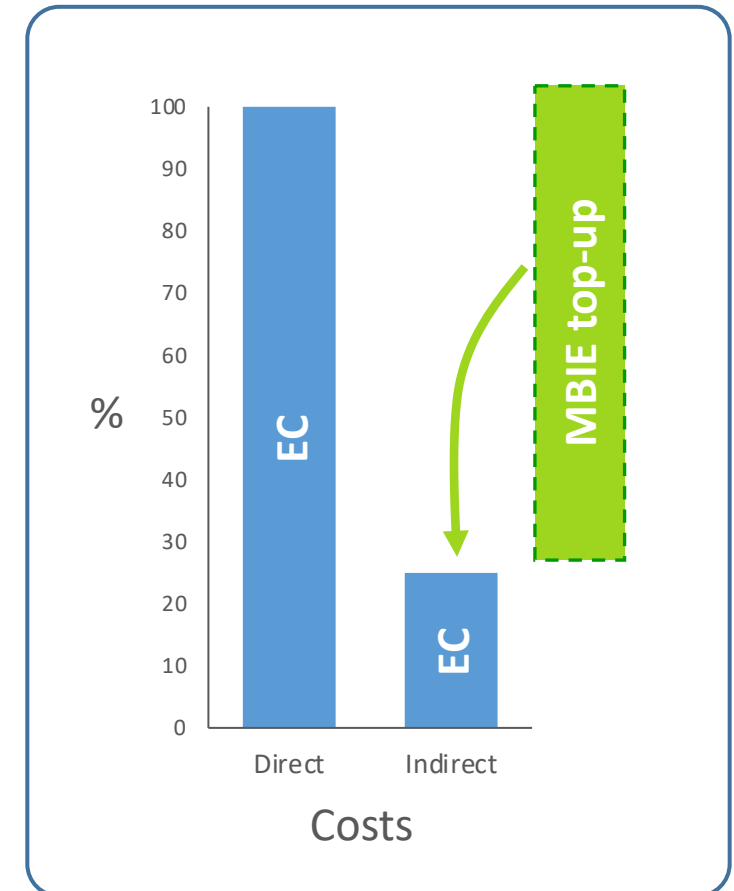
Horizon Europe consortia



- Pillar II projects are inherently multinational collaborations, strongly impact focused
- Associated country partners can join or lead consortia
- Minimum requirements (for most activities)
 - 3 Horizon Europe countries (MS/AC)
 - At least 1 partner from an EU Member State
- Participation can be at different scales

New Zealand implementation

- Horizon Europe secretariat
 - National Contact Points (NCPs)
 - Programme Committee delegates
- Top-up funding scheme
 - NZ participants eligible for additional funding to cover overhead costs
 - Must register participation with MBIE to be eligible
 - Details at <https://mbie.govt.nz/horizon-europe>



New Zealand's National Contact Points

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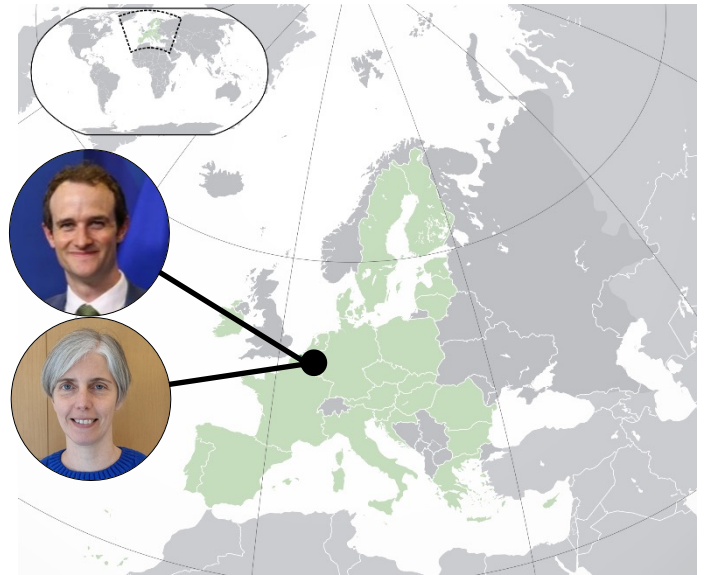
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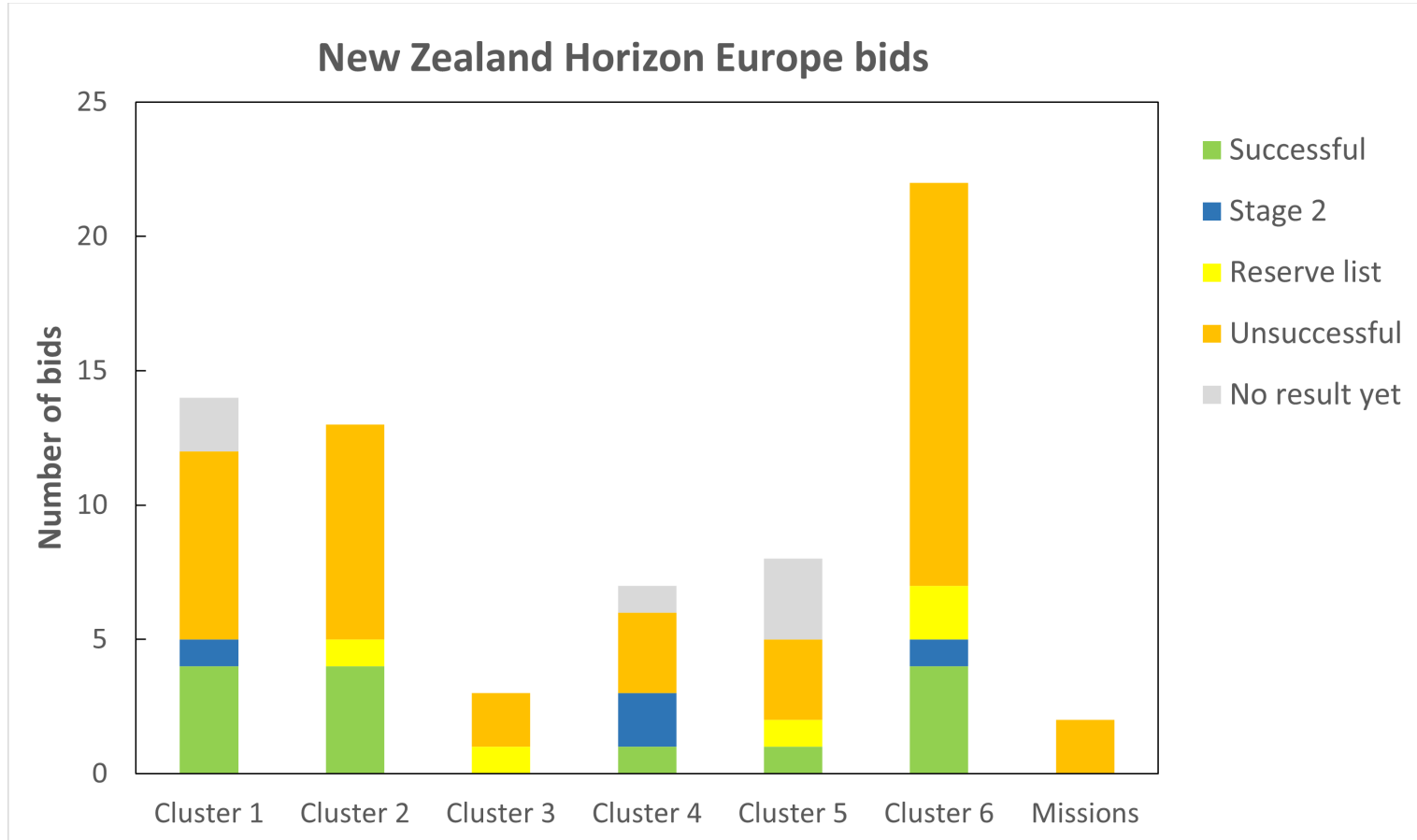


Dr Cecile de Klein
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- Information and advice to potential applicants
- Guidance on topics and types of actions
- Assistance with partner search
- Participation in transnational NCP networks

NZ participation so far



Around 90 NZ partners in 69 proposals

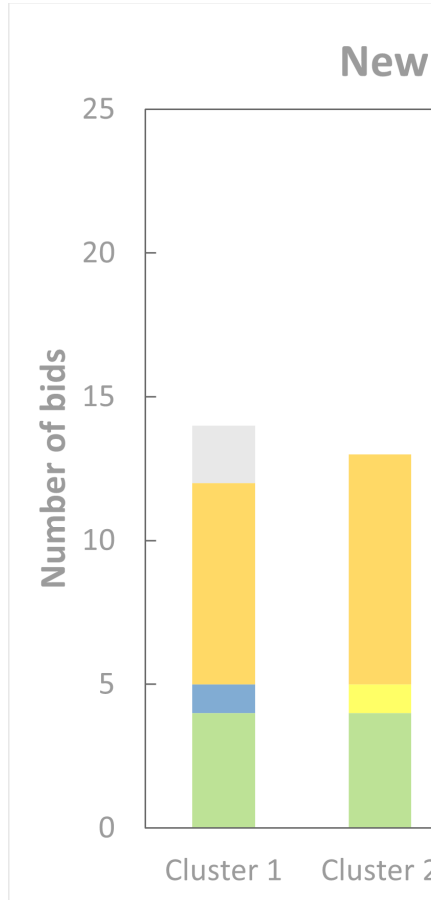
Of those:

- 14 successful projects (19 NZ partners)
- 5 on reserve lists
- 4 in second stage of a two-stage process
- 40 unsuccessful
- 6 outstanding

Currently 14 successful proposals out of 54 with decisions

→ success rate is ~26%

NZ participation so far



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Home > Science and technology > Science and innovation > International opportunities > Horizon Europe > Successful Horizon Europe Pillar 2 projects with New Zealand partners

INTERNATIONAL OPPORTUNITIES

ASPIRE prize: Inclusive science, technology and innovation for a resilient and sustainable environment

International science partnerships

New Zealand research and development

New Zealand Space Agency

Horizon Europe

- Cluster 1: Health
- Cluster 2: Culture, Creativity and Inclusive Society
- Cluster 3: Civil Security for Society
- Cluster 4: Digital, Industry and Space
- Cluster 5: Climate, Energy and Mobility
- Cluster 6: Food, bioeconomy, natural resources, agriculture and environment

Ngā Umanga Whakapā ā-Whenua

Successful Horizon Europe Pillar 2 projects with New Zealand partners

This page provides basic details of the successful projects in Horizon Europe that have New Zealand partners in the consortium.

Projects

Information on the funded projects under New Zealand's association to Horizon Europe Pillar 2 is listed below. Projects will only appear after they have signed their Grant Agreements and have confirmed project details.

For more information, email: nzncp@mbie.govt.nz

EU-CIEMBLy	+
VITAL	+
STELLA	+
d@rts	+
MINORITY REPORT	+
PROTID	+

partners in 69 proposals

projects (19 NZ partners)
stage of a two-stage

successful proposals out of

26%

NZ participation so far

Successful proposals with NZ	Country
8	UK, Italy, Belgium
6	Germany, France
5	Netherlands, Portugal, Austria
4	Spain, Greece, Finland
3	Norway, Denmark, Poland, Sweden, Hungary, Cyprus, Serbia
2	Ireland, Czechia, Switzerland, Romania, South Africa, Bulgaria, Turkey, Lithuania, Uganda, Slovakia
1	Iceland, Israel, Luxembourg, Slovenia, Canada, Latvia, Tanzania, Australia, Estonia, Georgia, Morocco, Papua New Guinea

- Successful applications include 137 partners in 40 countries
- Total applications include ~700 partners in 57 countries



Contact us

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