



IUSS

Scuola Universitaria Superiore Pavia



Il dottorato nazionale in Sviluppo Sostenibile e Cambiamento Climatico

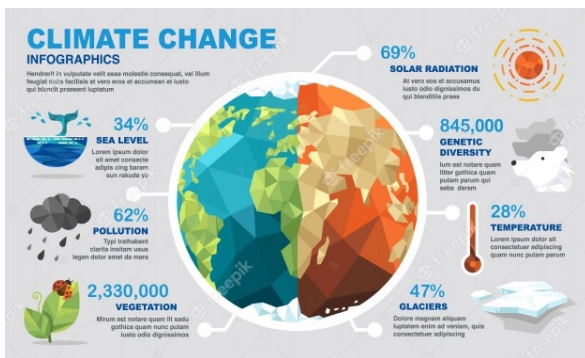


PhD IN SUSTAINABLE DEVELOPMENT
AND CLIMATE CHANGE

L'idea



&



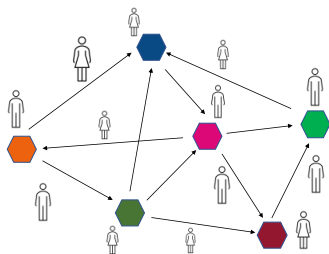
Dottorato di ricerca:

- Target: non solo per la carriera accademica
- Metodo: multi-, inter-, trans- disciplinare
- Struttura: rete di ricerca
- Innovativo
- Nazionale

PhD in Sustainable Development and Climate Change



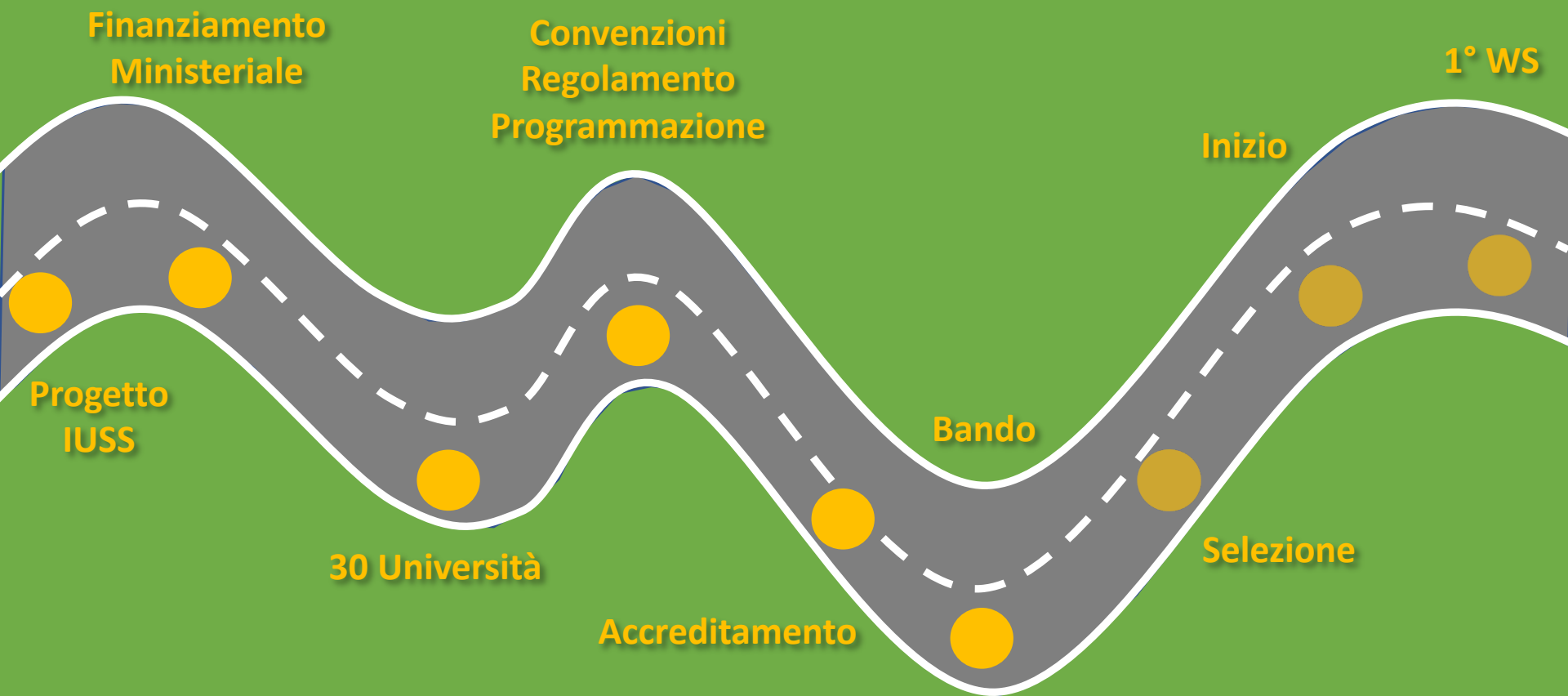
Proporre nuovo modelli di sviluppo per affrontare il cambiamento climatico ed i suoi impatti



Costruire una comunità di ricerca capace di promuovere soluzioni innovative e operative ai problemi complessi della nostra società



Il percorso



Novembre 2019 > Gennaio 2020 > Ottobre 2020 > Maggio 2021 > Luglio 2021 > Ottobre 2021

I «fondatori»



Il consorzio

30 università + Enti Pubblici di Ricerca che coprono l'intero territorio italiano e tutte le aree di ricerca del dottorato

Research Partners



Il consorzio

Forniscono supporto e stimolo al dibattito scientifico

Knowledge Partners



[... and others]

Il consorzio

Sede amministrativa



Università in convenzione

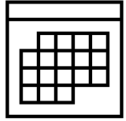


Knowledge Partners

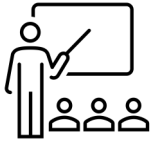


[... e altri]

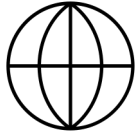
Key facts



- **3 years** PhD course (full-time)



- **160+** hours of Educational Programme



- **6 months** of research abroad

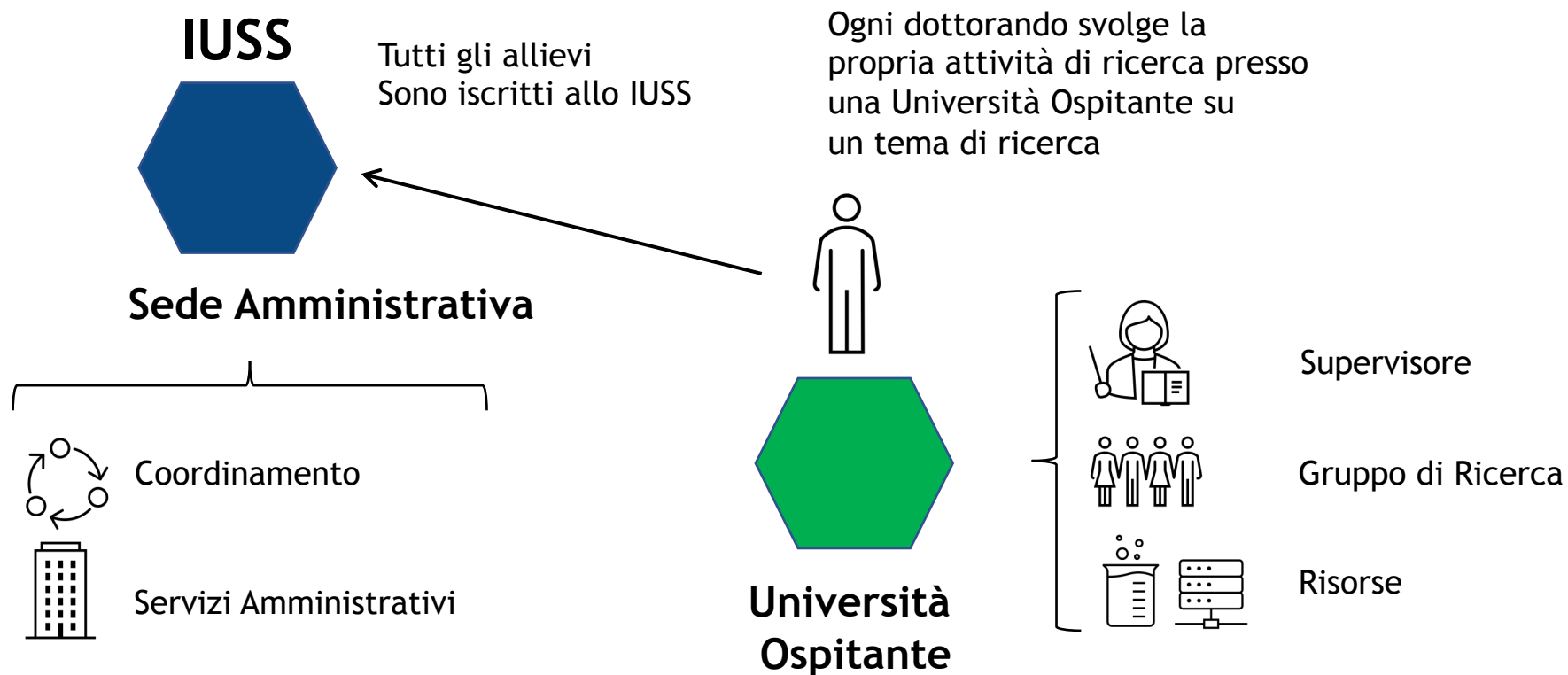


- **105** fully funded scholarships

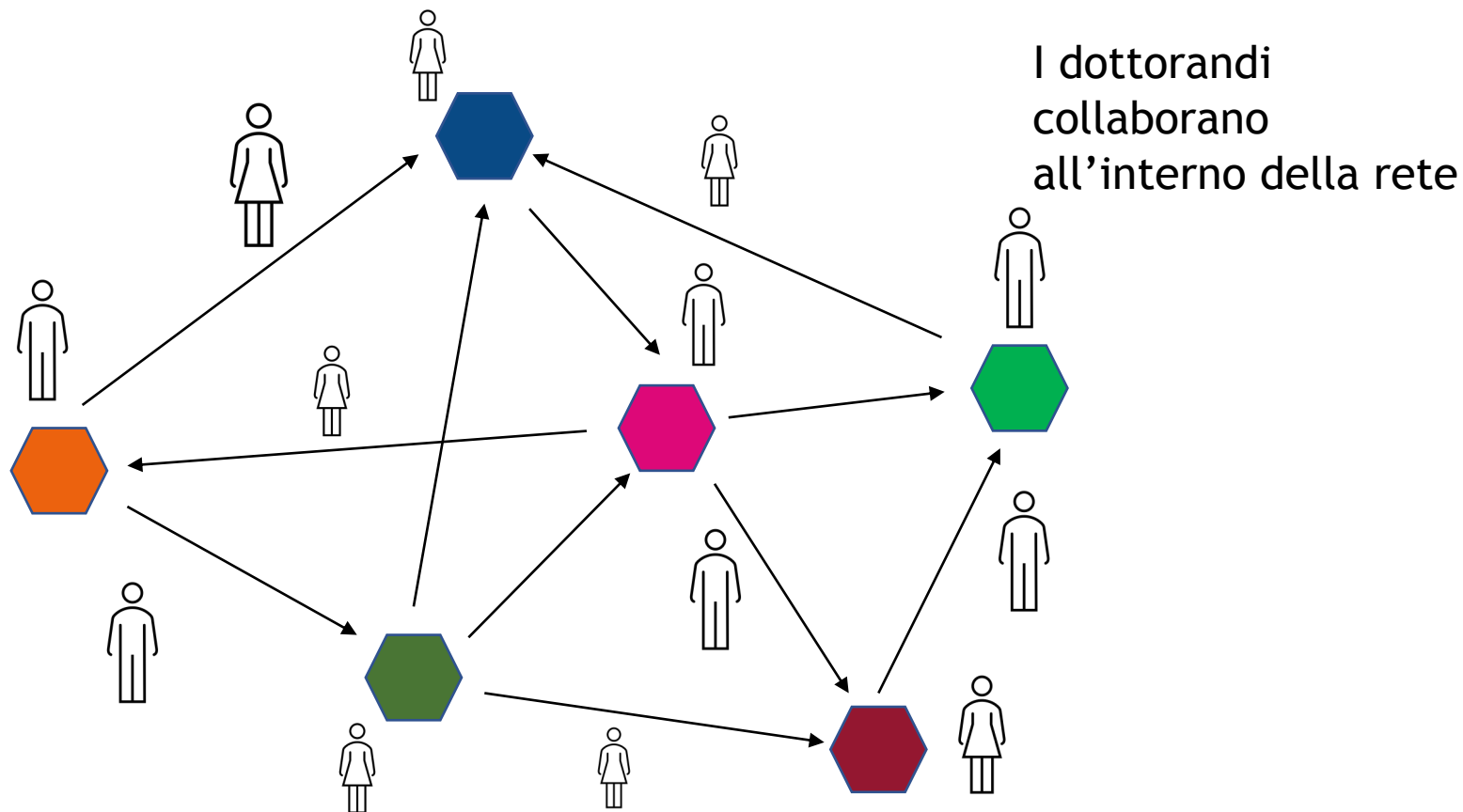


- **150+** professors or researchers

Organizzazione del corso



Organizzazione del corso



PhD Network



30 Universities

80 Departments

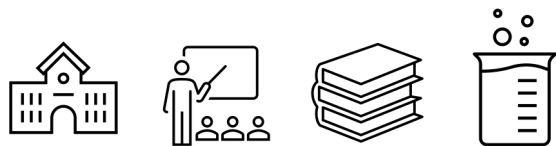
150 professors & researchers

Computational resources

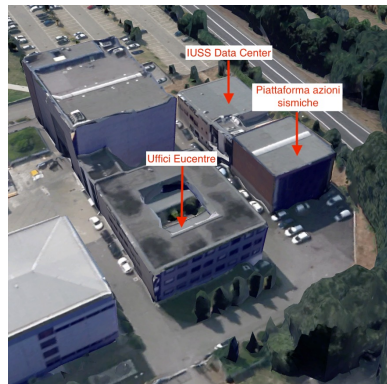
Laboratories

Libraries

Educational Infrastructures

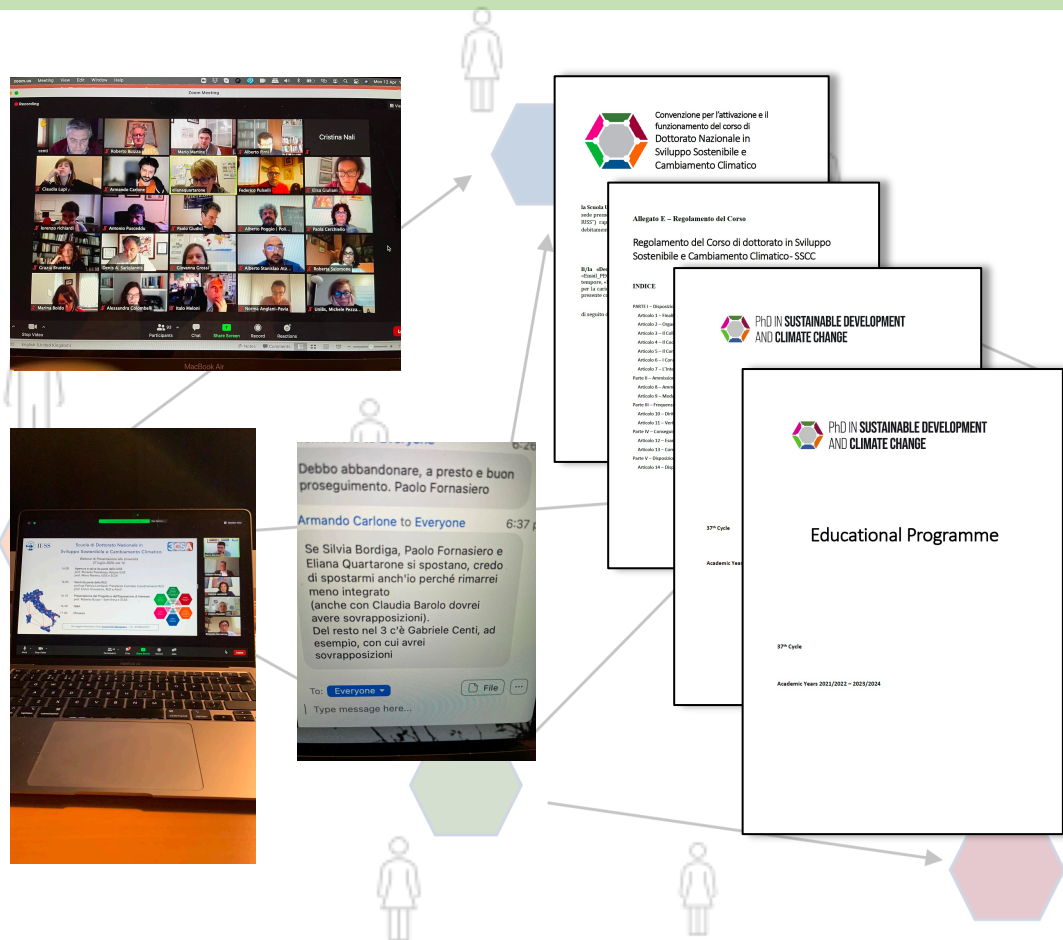


IUSS Data Center HPC



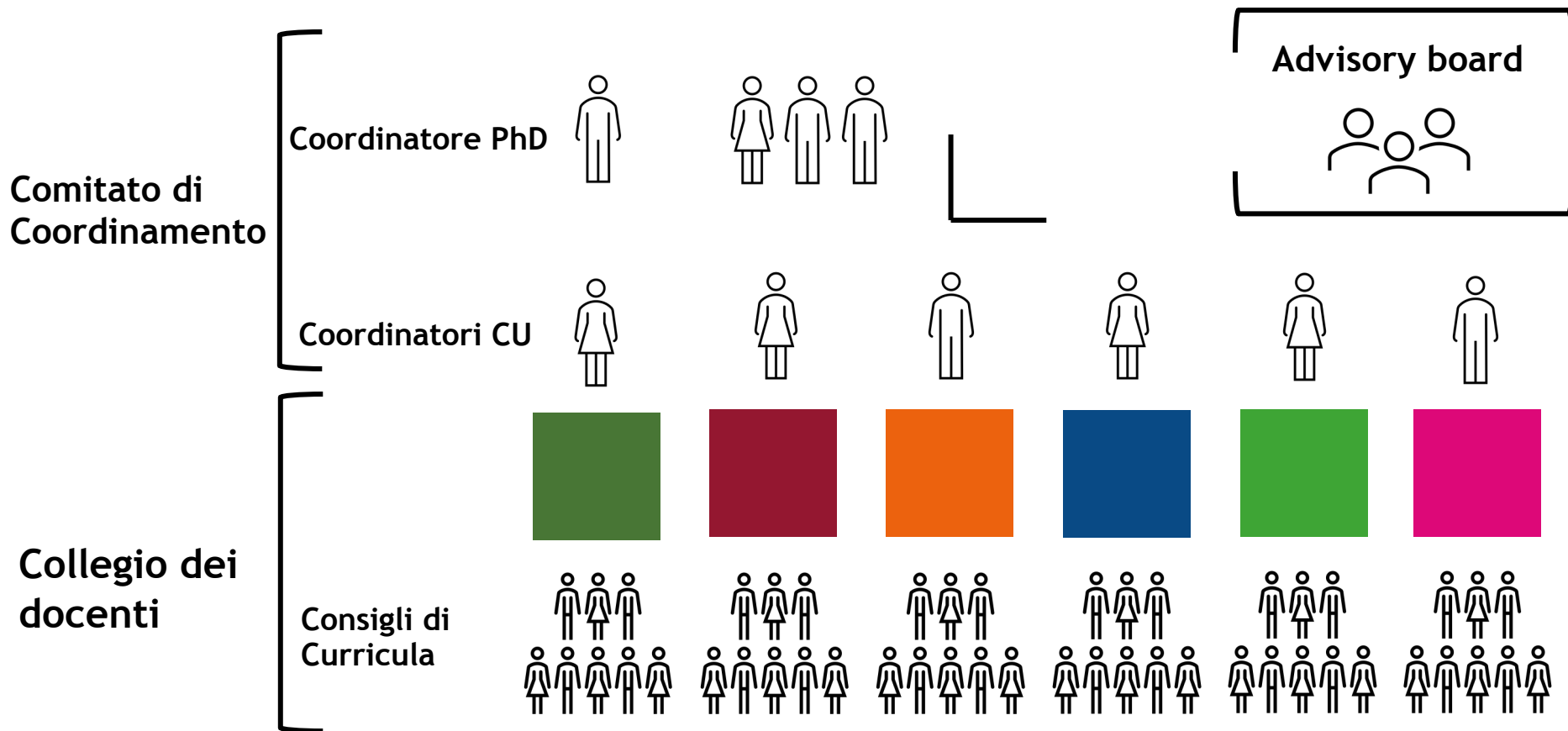
Politecnico di Bari
 Politecnico di Milano
 Politecnico di Torino
 Scuola IUSS di Pavia
 Scuola Normale Superiore
 Scuola Superiore Sant'Anna
 Università Ca' Foscari di Venezia
 Università Cattolica del Sacro Cuore
 Università dell'Aquila
 Università dell'Insubria
 Università di Bari
 Università di Brescia
 Università di Cagliari
 Università di Cassino e del Lazio Meridionale
 Università di Ferrara
 Università di Firenze
 Università di Genova
 Università di Messina
 Università di Milano
 Università di Modena e Reggio Emilia
 Università di Padova
 Università di Pavia
 Università di Pisa
 Università di Sassari
 Università di Siena
 Università di Torino
 Università di Trento
 Università di Trieste
 Università di Urbino Carlo Bo
 Università Mediterranea di Reggio Calabria

La co-progettazione



- Le convenzioni
- Il Regolamento
- Il Research Programme
- L'Educational Programme
- Il Bando di concorso
- Il calendario
- La commissione

Governance



PhD Curricula



1 Core Research Topic

6 curricula

- Inter-connected
- Multi-disciplinary
- Trans-disciplinary

The 3D of the PhD

Horizontal

Sustainable Development and Climate Change

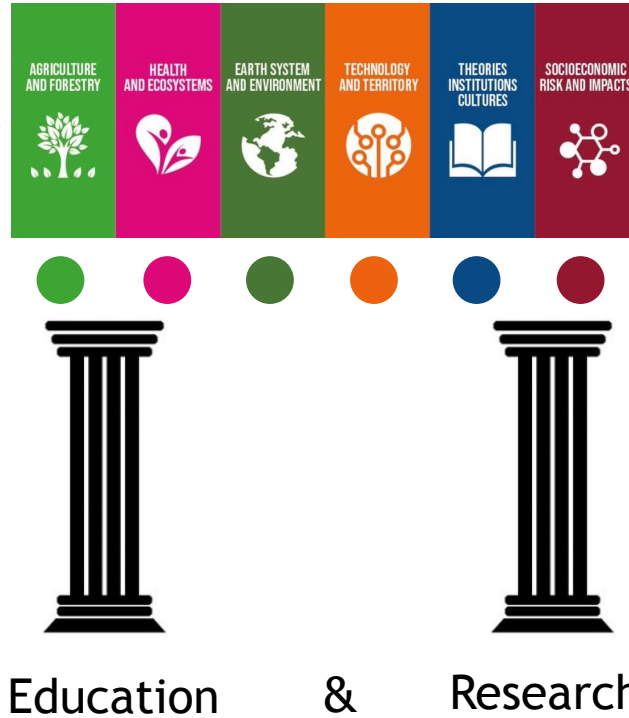
Vertical



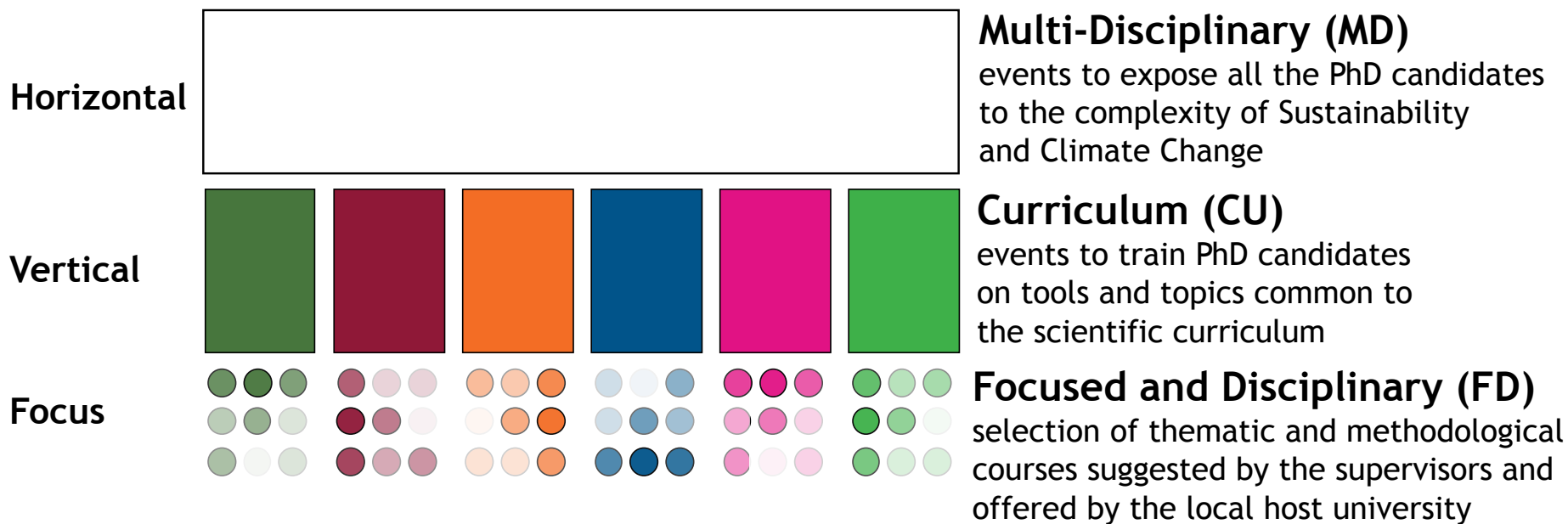
Focus



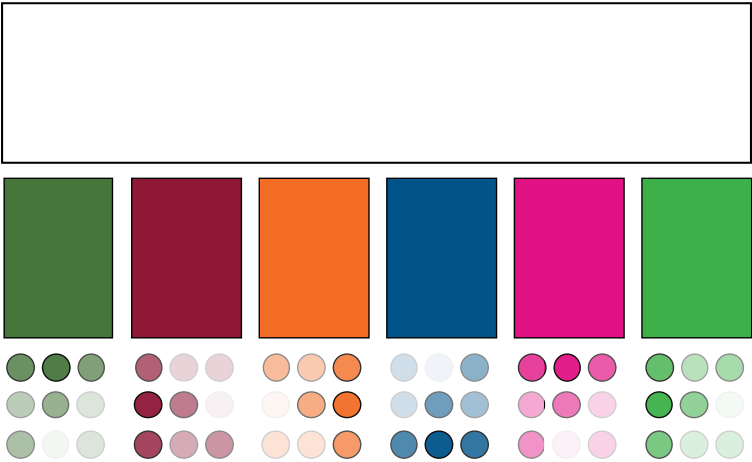
Sustainable Development and Climate Change



Educational Programme



Educational Programme

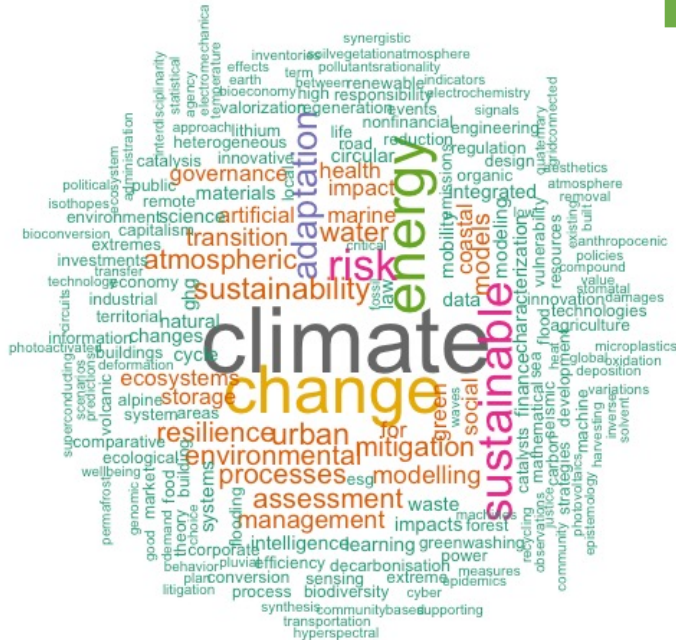


Level	Name	Organizer	Hours
1	MD	PhD board	48+
2	CU	CU board	48+
3	FD	Supervisor	64+

A multi- and inter-disciplinary **programme** for the achievement of the **SDGs**



1 NO POVERTY 	2 ZERO HUNGER 	3 GOOD HEALTH AND WELL-BEING 	4 QUALITY EDUCATION 	5 GENDER EQUALITY 	6 CLEAN WATER AND SANITATION 
7 AFFORDABLE AND CLEAN ENERGY 	8 DECENT WORK AND ECONOMIC GROWTH 	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE 	10 REDUCED INEQUALITIES 	11 SUSTAINABLE CITIES AND COMMUNITIES 	12 RESPONSIBLE CONSUMPTION AND PRODUCTION 
13 CLIMATE ACTION 	14 LIFE BELOW WATER 	15 LIFE ON LAND 	16 PEACE, JUSTICE AND STRONG INSTITUTIONS 	17 PARTNERSHIPS FOR THE GOALS 	

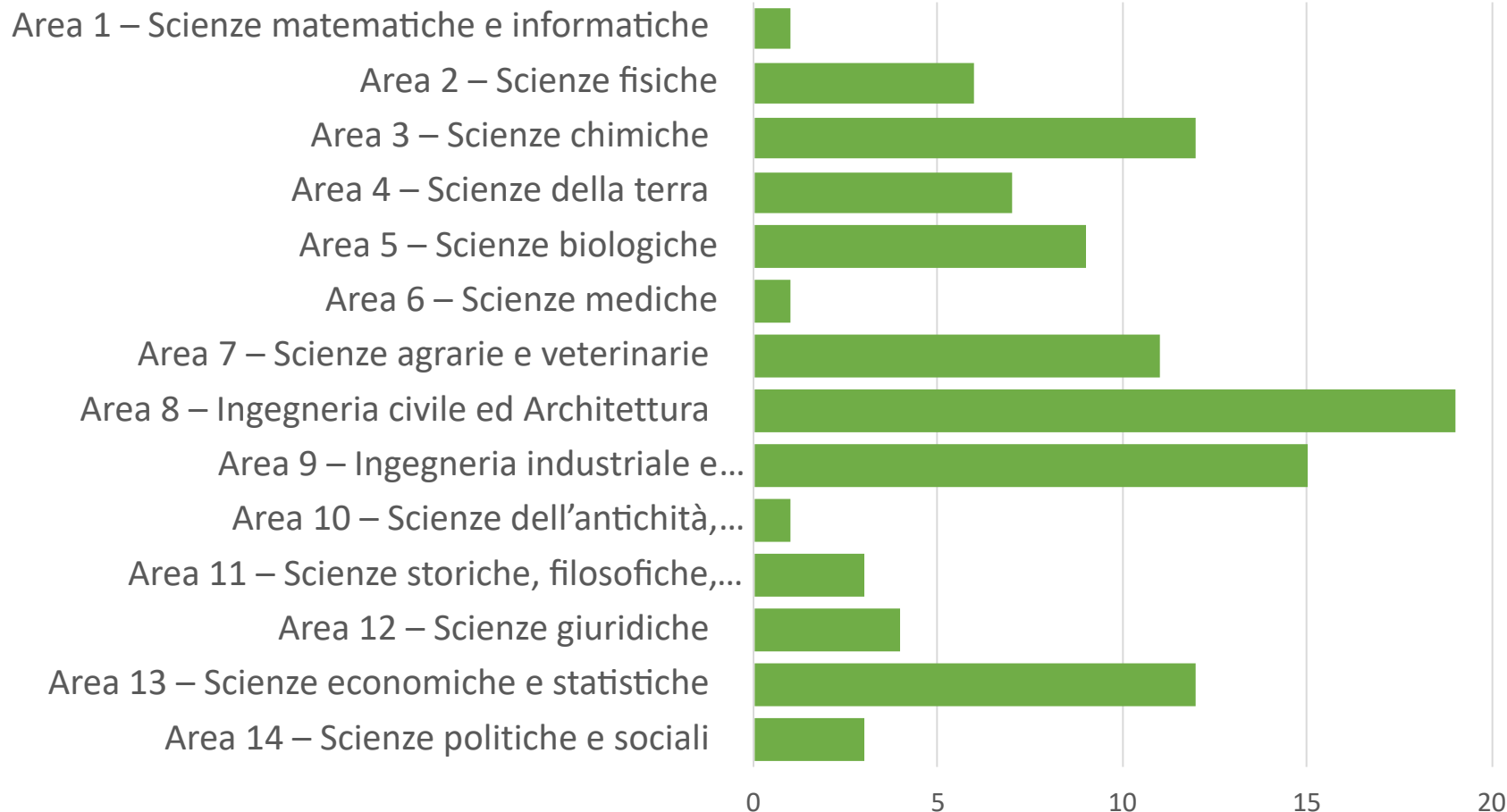


Research topics

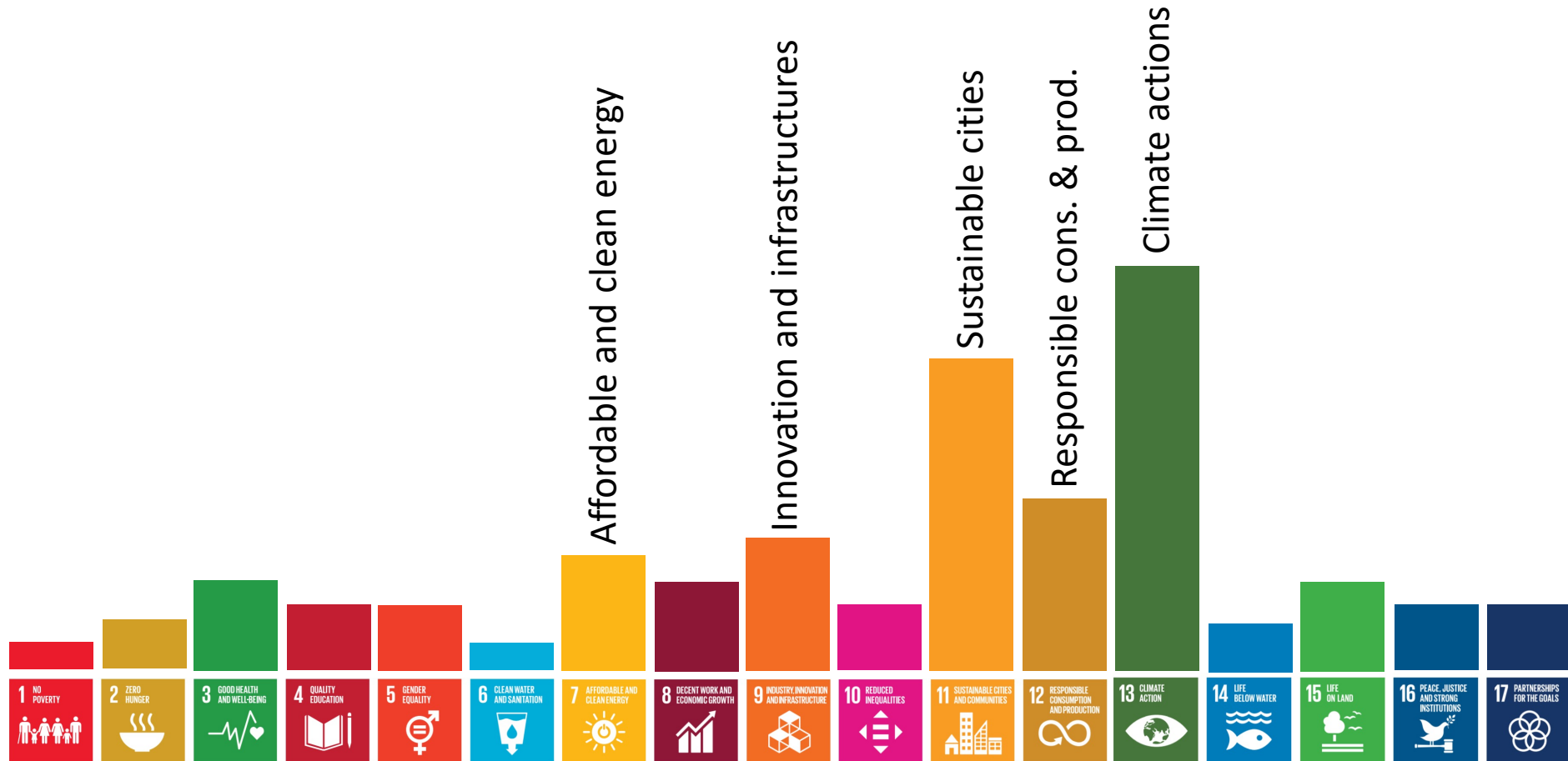
	CU 1 Earth System and Environment:	20
	CU 2 Socio-Economic Risk and Impacts:	17
	CU 3 Technology and Territory:	29
	CU 4 Theories, Institutions and Cultures:	13
	CU 5 Agriculture and Forestry:	13
	CU 6 Health and Ecosystems:	13

TOTAL 105

Aree CUN



Research topics and Sustainable Development Goals



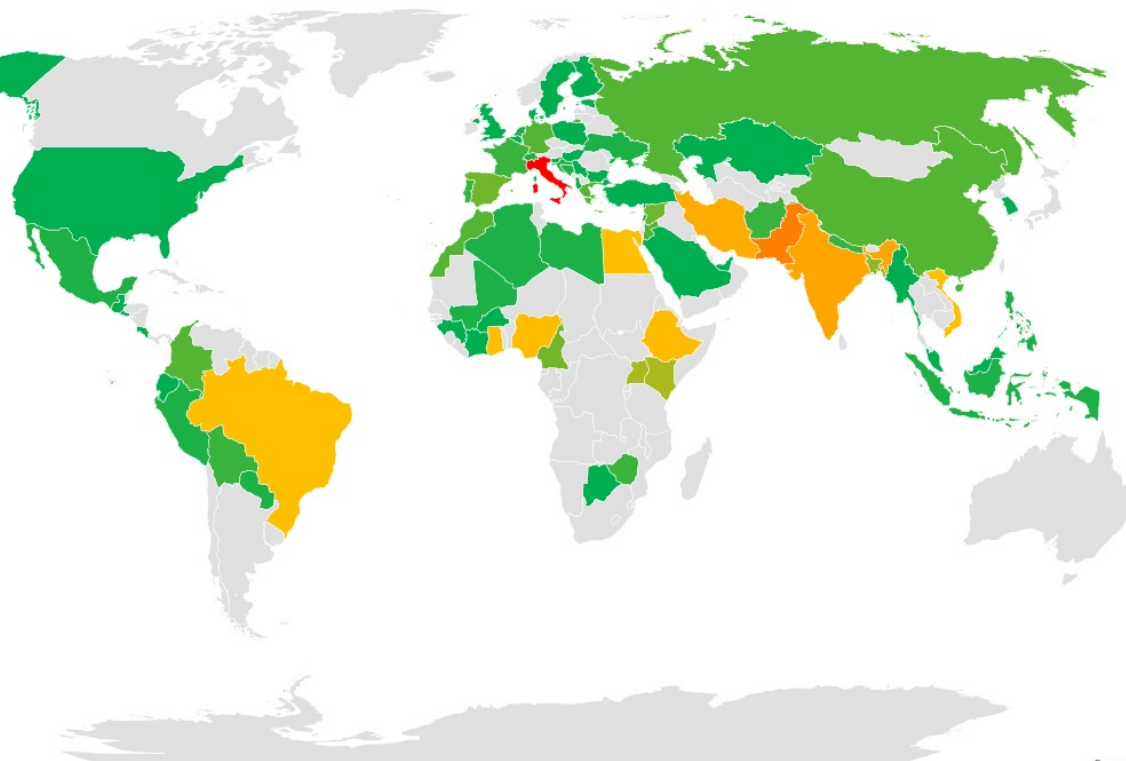
Candidature

635 in totale

Applications



■ Italia ■ Altri



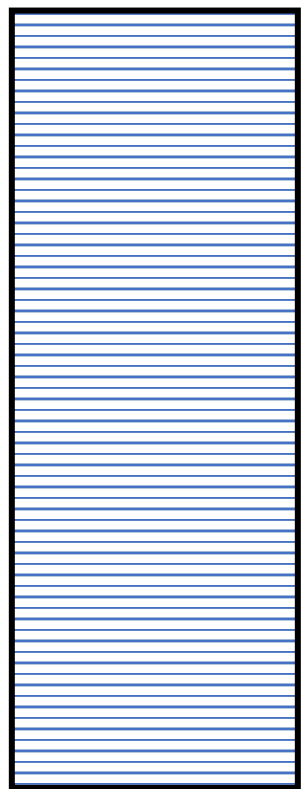
Applications



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Research Programme XXXVIII cycle

Proposta dei
Research Topics



Finanziate al 100%
dalle Università



Co-finanziate al 50%
dalle Università

Co-finanziate al 50%
dal MUR

Co-finanziate al 50%
da EPR ed altri EP

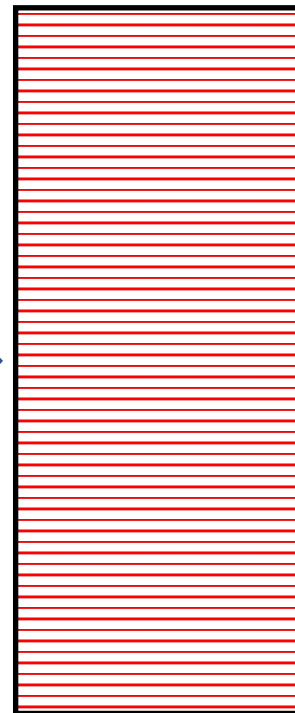
Co-finanziate al 50%
da imprese



n



Research
Programme



Nov 21



Gen 22

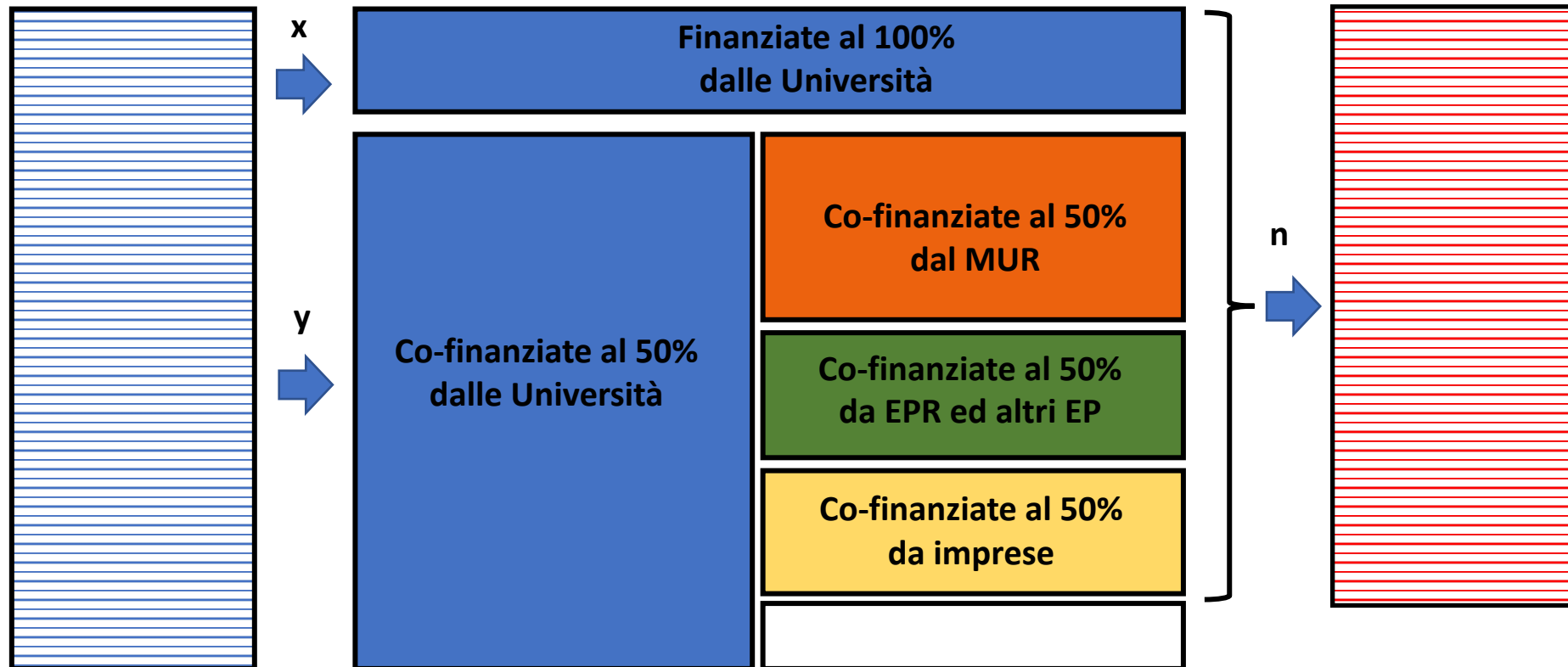


Mar 22



Proposta dei Research Topics

Research Programme



Info



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