20 universities 12 Research centres, networks, large scale facilities & National Agencies 8 companies

UPJV Amiens	UoB Bath	UB Bordeaux	CU Cambridge	DTU Copenhagen
TU Delft	CHALMERS Göteborg	TU Graz	FSU Jena	LU Lancaster
UM Montpellier	UN Nantes	OXF Oxford	CDF Paris	UPPA Pau
USTAN St Andrews	UPS Toulouse	UT Twente	UU Uppsala	WUT Warsaw

ALISTORE	CEA Grenoble	CICe Vitoria	CIDETEC San Sebastian	ELETTRA Trieste	ICMAB Barcelona
IEK Jülich	ILL Grenoble	NIC Ljubljana	RS2E	SOLEIL Saint Aubin	Région Pays de la Loire

BASF	FCT SYSTEM	PKN ORLEN	RENAULT	SAFT	SOLVAY	TIAMAT	UMICORE

50 PhD thesis under the Marie Curie Cofund programme: Hosting PhD students and implementing training schools

- **2 cohorts**:
- Cohort1: 30students **from September 2021 to September 2024**
- Cohort2: 20 students **from September 2022 to September2025**
- Official start of the project: **October 1st 2020** (date for kickoff meeting to be further defined)

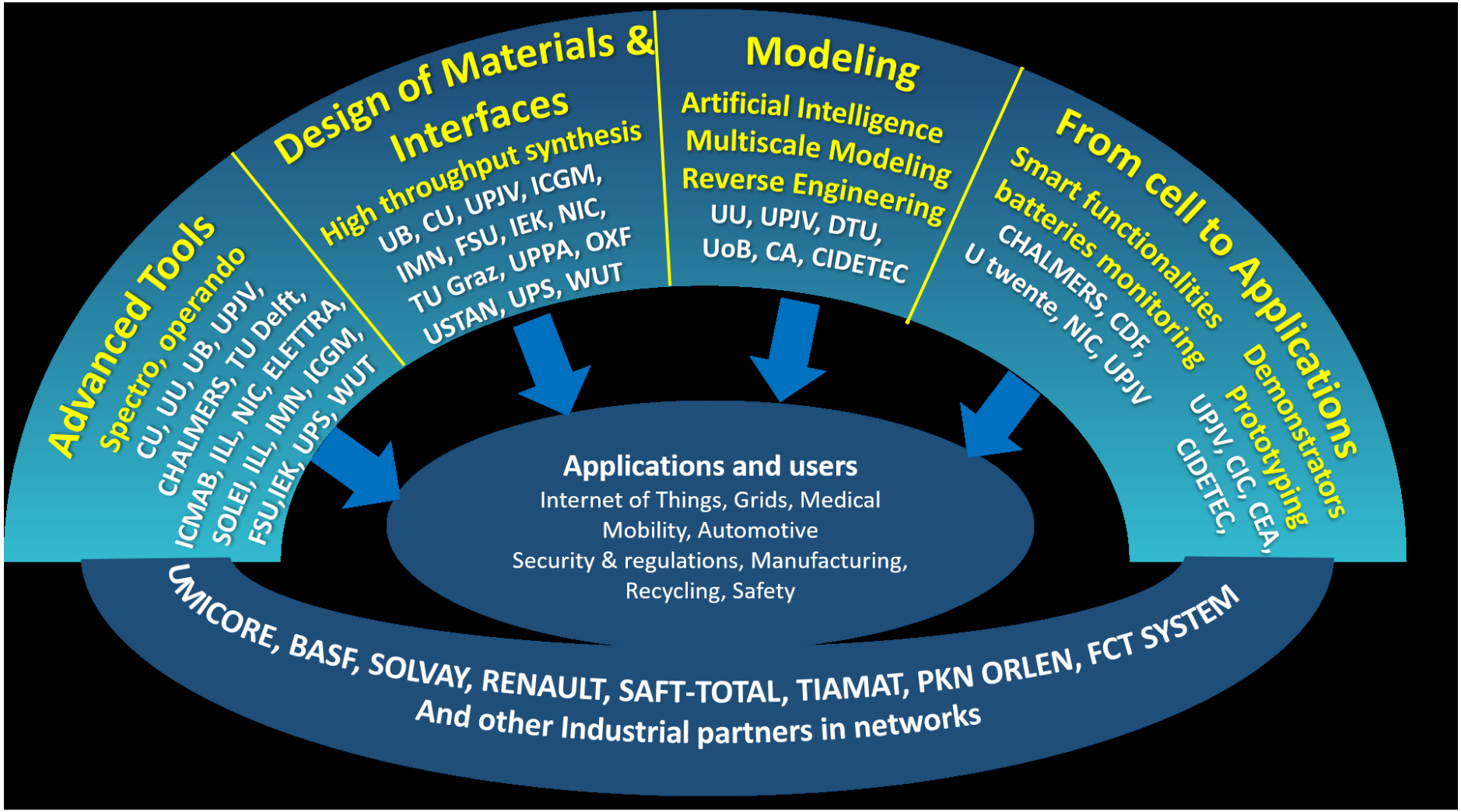
- First call for 30 topics: Opening on **June 15th** and deadline on **September 15th 2020**

- **April/May 2021**: The selected students will choose their topic

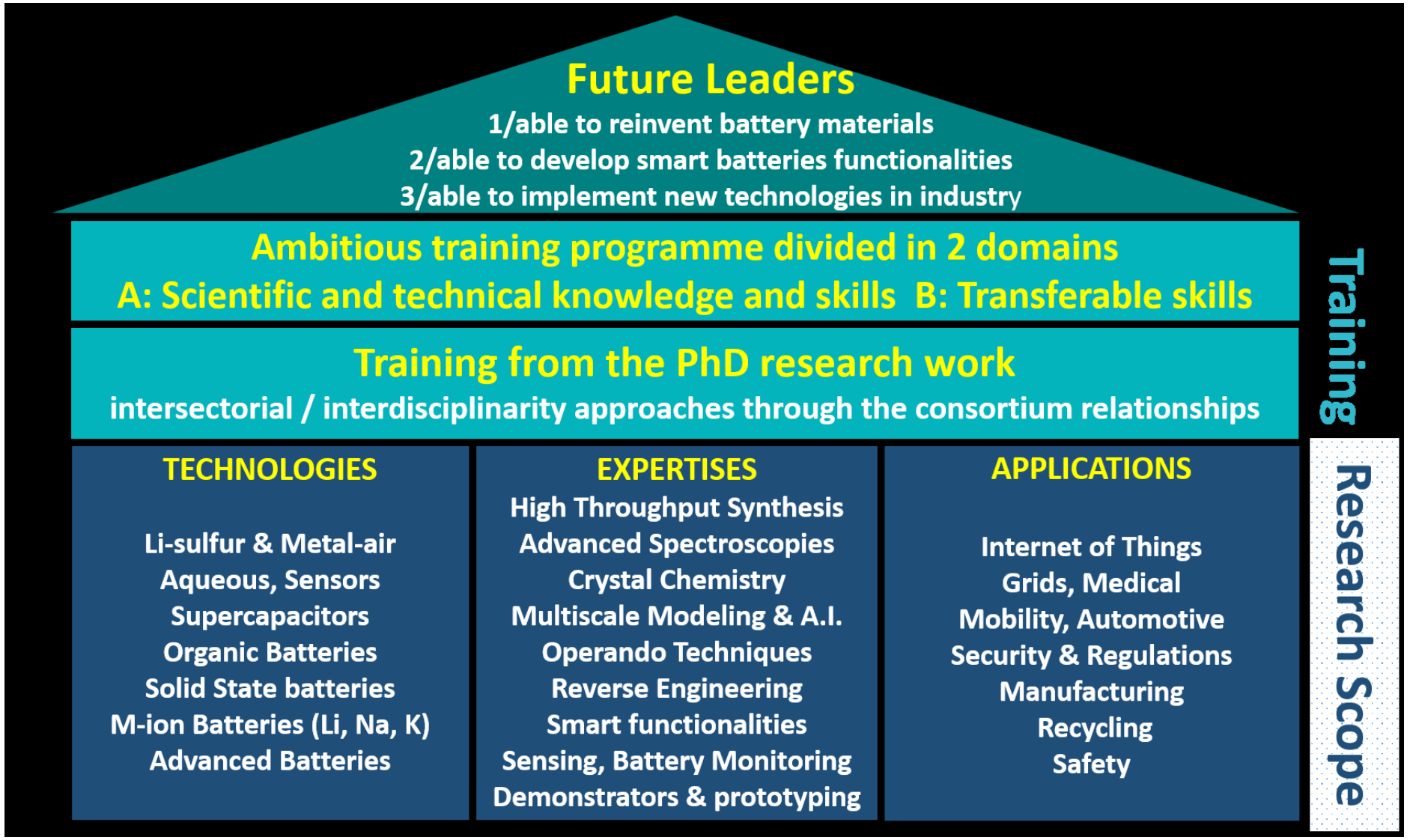
The 14 PARTNERS who will Recruit (hire, register) PhD students

Recruiting Academic and research center organisations	Name of PI & h Factor (WOS)	Academic Institutions	Country	number of recruted PhDs foreseen	# being cofunded by the academic institution
	Christian MASQUELIER (53)	CNRS/UPJV –Unit LRCS	France	Coordinator	
	Mathieu MORCRETTE (52)	CNRS/UPJV –Unit LRCS	France	6	4
	Rosa PALACIN (33)	ICMAB / CSIC - Barcelona	Spain	1	1
	Saïful ISLAM (65)	UoB Bath - Chemistry Dept	UK	2	2
	Laurence CROGUENNEC (42)	CNRS/UB Bordeaux – Unit ICMCB	France	4	3
	Tejs VEGGE (37)	DTU Copenhagen	Denmark	1	1
	Andrea BALDUCCI (40)	FSU Jena	Germany	1	1
	Robert DOMINKO (46)	NIC Ljubljana	Slovenia	3	3
	Laure MONCONDUIT (34)	CNRS/UM Montpellier – Unit ICGM	France	3	3
	Thierry BROUSSE (41)	CNRS/UN Nantes – Unit IMN	France	5	3
	Jean-Marie TARASCON (122)	CNRS/CdF Paris – Unit CSE	France	1	1
	Rémi DEDRYVERE (32)	CNRS/UPPA Pau - Unit IPREM	France	2	2
	Patrice SIMON (63)	CNRS/UPS Toulouse - Unit CIRIMAT	France	2	2
	Montserrat CASAS CABANAS (30)	CICe Vitoria - SSEMG	Spain	3	3
	Wladyslaw WIECZOREK (40)	WUT Warsaw - Faculty of Chemistry	Poland	5	5
				39	34

The 4 main Scientific Directions under the umbrella of DESTINY



The Core of the TRAINING programme's objectives



The Core of the TRAINING programme's content

A. Scientific & Technical Knowledge and Skills

A1. ***Design of Materials and Interfaces:*** Training to understand how the synthesis of novel materials and matching these determine the cell and battery performance and environmental impact give skills to contribute to novel designs

A2. ***Advanced Characterisation Methods and Tools:*** A large variety of tools and methods including use of large-scale facilites are needed to fully understand the mechanisms of modern batteries and ultimately improve them

A3. Modelling: Modern battery research embraces materials modelling at all scales from atoms to cell and pack level, including the use of AI and ML to handle the analysis of large amounts of data efficiently and for forecasting.

A4. From Cell to Application: Whatever the battery concept there is a large need of better understanding of how the application demands affect cell concepts, performance needs, and the development stages in academia and industry.

B. Transferable Skills

B1. Personal effectiveness: The development of personal qualities and training in approaches to be an effective researcher
- Career development
- Personal development

B2. Research governance and entrepreneurship: Knowledge of the professional standards and requirements, benchmarking and results exploitation
- Research and industry: bringing down barriers
- Professional responsibility
- Management

B3. Engagement, influence and impact: The knowledge and skills to work with others to ensure the wider impact of research
- Working with others & engagement
- Communication and dissemination
- Societal impact