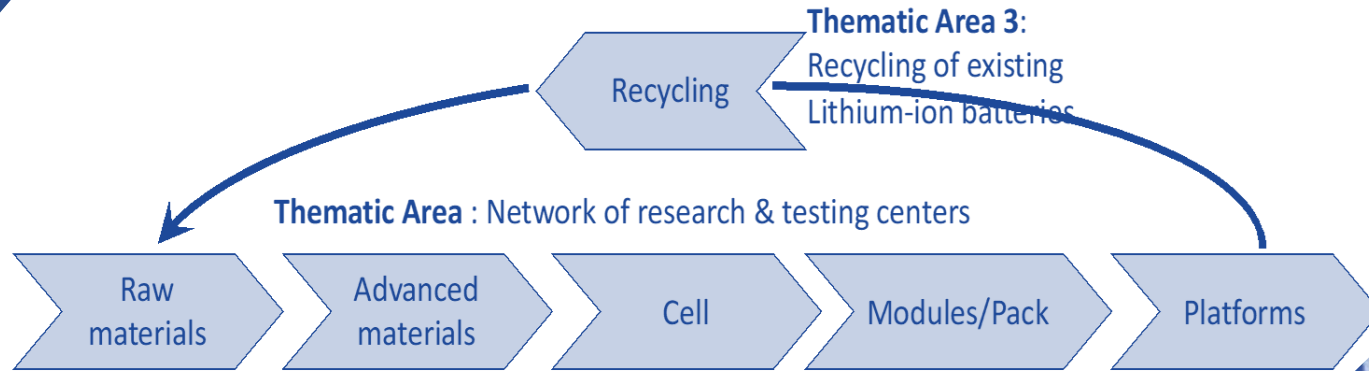


AMBP: Scope



Thematic Area 3:
Recycling of existing
Lithium-ion batteries

Thematic Area : Network of research & testing centers

Thematic Area 1: Solid state lithium-ion batteries
(Generation 4)

Thematic Area 2: Sustainable raw material
extraction & processing

Thematic Area 4: Liquid based batteries
(stationary)

Thematic Area 6: Improved lithium-ion
batteries (Generation 3b)



European AMBP Partnership

“We work toward the generation of a pipeline of business investment projects and build upon existing regional assets to leverage complementary assets across the Partnership”

Designing cross-regional innovation investments

AMBP

Pilots

Investments

#	Project leaders	PILOT / PROJECT	Progress status
1	Baikowski	PILOT 6 : Efficient manufacturing process for speciality alumina for Li-ion batteries	7 partners, budget €3 000 000 / 3 years
2	Carbone Savoie	PILOT 6: Artificial graphite for battery anode material	15 partners, budget €25 267 000, requested support €14 157 000 / 3 years
3	Manz Italy srl	PILOT 6: Battery Module Manufacturing Enabling Technologies	Under preparation
4	Marposs	PILOT 6: In process Testing for electrodes, cells and assembly	Under preparation
5	ENWIRES	PILOT 6: NextBatt4EU (Next battery for Europe) -Novel anode and cathode materials for 3b generation of lithium-ion batteries	7 partners, budget €5 000 000 / 3 years
6	MTB	PILOT 3 Battery recycling process	Under preparation
7	Fraunhofer	PILOT 1 Modular processing platform (MPP) for Gen4	15+ partners, budget under preparation / 6 years
8	Fraunhofer	PILOT 3: European trans-regional recycling network	5+ partners, €120 million / 5 years
9	National Institute of Chemistry	PILOT 5: Network of prototyping & testing centres	20+ partners, budget €100 million / 8 years
10	CEGASA	PILOT 4: Development and upscaling of Zn-air batteries	Preliminary description

• Next Steps



Business Plans
(End 2019)



Funding /
Financing
(Early 2020)



Project Launch
(Mid/end-
2020)



Impact
(2020+)

• Challenges

1. Pilot Action “*Carrot*”
2. Financial Expert (portfolio modelling)
3. Timing

