



What are the existing IPCEIs?

10 integrated IPCEIs in 5 value chains

So far, the Commission approved 10 integrated IPCEIs. IPCEIs exist in 5 value chains: batteries, cloud and edge computing, health, hydrogen, and microelectronics.

The number of individual projects, the Member States involved, the approved State aid and the expected private investments vary greatly depending on the IPCEI. The smallest approved IPCEI consists of 14 projects from 6 Member States for in total maximum 1 billion EUR State aid and expected private investments of 5.9 billion EUR. The largest approved IPCEI consists of 68 projects of 14 Member States for in total maximum 8.1 billion EUR State aid and expected private investments of 13.7 billion EUR.

	Participating companies	Participating projects	State aid approved (EUR billion)	Expected private investments (EUR billion)	Participating Member States
First IPCEI on Microelectronics (2018)	29	43	1,9	6,5	
First IPCEI on Batteries (2019)	17	23	3,2	5	
Second IPCEI on Batteries - EuBatIn (2021)	42	46	2,9	9	
First Hydrogen IPCEI - Hy2Tech (2022)	35	41	5,4	8,8	
Second Hydrogen IPCEI - Hy2Use (2022)	29	35	5,2	7	
Second IPCEI on Microelectronics and Communication Technologies (2023)	56	68	8,1	13,7	
IPCEI on Next Generation Cloud Infrastructure and Services (2023)	19	19	1,2	1,4	
Third Hydrogen IPCEI - Hy2Infra (2024)	32	33	6,9	5,4	
Fourth Hydrogen IPCEI - Hy2Move (2024)	11	13	1,4	3,3	
IPCEI Med4Cure (2024)	13	14	1	5,9	
Total	283 247*	335	37,2	66	22 Member States, UK and Norway participated in at least one IPCEI

*Excluding the companies that participated in more than one IPCEI

Example IPCEI EUBatIn project BASF

The first IPCEI on batteries has allowed BASF to inaugurate its production facility for active cathode materials, the first in Germany to produce such high-performance materials. It will supply products tailored to the specific needs of cell manufacturers and automotive producers in Europe.

Example IPCEI Hy2Tech project McPhy

The French SME McPhy is part of the IPCEI H2Tech and developed a new alkaline electrolyser that will gradually scale-up its production to a target capacity of 1 GW, creating hundreds of jobs.

For this project, 123 million EUR State aid was granted.