



**L'Hydrogène et
les AAP Horizon 2020 :**

**Les programmes
Energie, Transport et NMBP**

4 février 2019





Le Programme Energie :

Introduction du WP Energie 2018-2020

“Activities specifically targeting Fuel Cells and Hydrogen are not supported under this work programme part, but through calls for proposals of the Fuel Cells and Hydrogen JU12. However, as regards topics included under the areas "Energy Efficiency", "Smart citizen-centred energy" and "Smart Cities and Communities", **system costs related to the integration of mature hydrogen based technologies for the purpose of integrated demonstration in a topic are eligible.** “

Le Programme Energie :

	2019	2020
Energy Efficiency = EE	113 M€	
Renewable energy solutions = RES	200 M€	
Energy Consumer & Energy system = EC & ES	110 M€	
Smart Cities and Communities = SCC	73 M€	
Nearly-zero CO2 emissions from fossil fuels = NZE	53 M€	
Joint actions among countries = JA	35 M€	
Cross-cutting issues	12 M€	
	596 M€	

2019 : les appels sont publiés

!! Appels 2020 en cours de discussion
!! Textes (yc budgets et clôture) non définitifs
=> validés en juin 2019



Energie 1/2

Topic	Inst	Thème		Budget	Clôture
EE-1-2018-2019	IA	Buildings renovation	3-4 M€/projet	12 M€	3/9/2019
EE-1-2020	CSA	Buildings renovation	1-2 M€/projet	10 M€	15/1/2020
EE-4-2019-2020	IA	Smart Building	3-4 M€/projet	10 M€	3/9/2019 10/9/2020
EE-22-2020	IA	H&C&Heat Water in residential buildings	2-2,5M€/projet	7 M€	15/1/2020
EC-3-2020	IA	Consumer & demand response	4-6 M€/projet	16 M€	29/1/2020
RES-10-2020	PCP	PCP 100% ENR buildings	8-15 M€/projet	15 M€	26/3/2020

Energie 2/2

Topic	Inst	Thème		Budget	Clôture
ES-3-2018-2020	IA	Energy islands	5-6 M€/projet	24 M€	29/1/2020
ES-4-2018-2020	IA	Geographic Islands	7-10 M€/projet	40 M€	29/1/2020
ES-11-2020	IA	Transitions on Islands	2-3 M€/projet	6 M€	29/1/2020
SCC-1-2018-2019-2020	IA	Smart Cities	15-20 M€/projet	60 M€	29/1/2020
SCC-2-2020	IA	Smart Airports	9-11 M€/projet	15 M€	29/1/2020
NZE-4-2019	IA	Flexible operation fossil power plant	6-10 M€/projet	20 M€	27/8/2019
NZE-5-2019-2020	IA	Industrial production using CCUS	10-12 M€ (2019) 15 M€ (2020)	33 M€ 15 M€	27/8/2019 11/12/2019