



Rijksdienst voor Ondernemend  
Nederland



# Horizon Europe

Access to resources  
for solving problems

Achim Eberspächer  
National Contact Point  
Horizon Europe for Energy  
in the Netherlands

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## Policy background of energy related opportunities within HE

- › At the heart of [the European Green Deal] is our mission to become the first climate-neutral continent by 2050.
- › [...] the European Commission is proposing to increase the 2030 target for emission reduction to at least 55 %.

### Further based on

- › Paris Agreement
- › European Economic Recovery Plan
- › Sustainable Development Goals, in particular 3,7,10,11,13



State of the Union Address by Ursula von der Leyen at the European Parliament  
16 September 2020

# The idea behind a promising project:

~~Ask the EC to fund your research~~

Help the EU to solve its problems!





Cluster 5:  
15 billion  
euro

# Horizon Europe – Research & Innovation (95,5 billion euro)





# Pillar 2: Characteristics



**Pillar 2**  
Global Challenges and  
European Industrial  
Competitiveness

**Clusters**

- Health
- Culture, Creativity and Inclusive Society
- Civil Security for Society
- Digital, Industry and Space
- Climate, Energy and Mobility
- Food, Bioeconomy, Natural Resources, Agriculture and Environment

Joint Research Centre

- > Innovation Actions, Research and Innovation Actions, Coordination and Support Actions
- > 100 % or 70 % funding rate (60 % in some exceptional cases)
- > Focus on impact
- > Systemic approach and interdisciplinarity





# Hydrogen from Horizon 2020 to Europe

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 JU**

(H2020 SC 3 WP 2018/19, p. 15)

[I]n justified cases and in line with topic descriptions, specific aspects of hydrogen and fuel cells can be supported outside of the **Clean Hydrogen Partnership**

(HE Cl. 5 WP 2021/22, p. 16)





# Hydrogen under Horizon Europe – more opportunities, less simplicity

## Horizon 2020

(rather exclusively)

- > Fuel Cells and Hydrogen Joint Undertaking (FCHJU), 700 million euro budget



## Horizon Europe

- > Clean Hydrogen, 1 billion euro
  - > Clean Steel (Cluster 4), 350 million
  - > Process 4 Planet (Cluster 4), 1.530 billion
  - > Clean Energy Transition, 790 million
  - > Clean Aviation, 1.7 billion
  - > Zero-emission road transport, 615 million
  - > Zero-emission waterborne transport, 530 million
  - > Europe's Rail, 600 million
- + not any longer excluded from cluster 5 work programme



## Pillar 2 of Horizon – the basic conditions



You

- > are a party which works on research and development,
- > have a project idea matching a Horizon Europe topic and
- > are part of a consortium with partners from at least three different EU or associated countries.







# Why get involved in Horizon Europe?

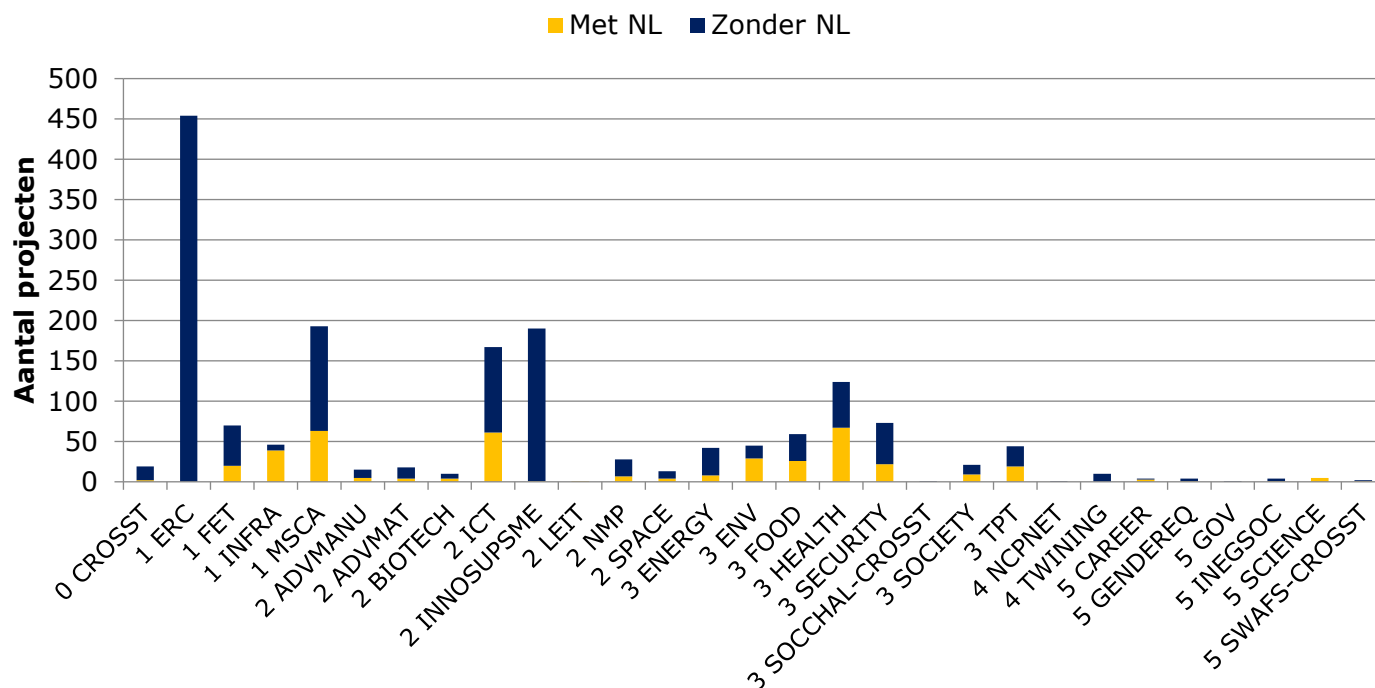
- > Access to knowledge
- > Collaboration with new partners, access to customers and markets
- > Visibility
- > Funding





# Israeli Entities in Horizon 2020

## All H2020 projects with Israeli entities



- > Number of funded projects with Israeli partners: 1.664
- > 402 projects (24 %) in collaboration with NL entities
- > Success rate: 12,2 % (all over H2020 12,7 %)
- > Total EU contribution for Israeli entities: 1.285,7 billion euro
- > 42 topics from SC 3 (energy), 8 in collaboration with NL entity
- > 1 FCH project



# Questions? Ask your National Contact Point

The screenshot shows a web browser window with the URL <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/support/ncp>. The page is titled "Funding & tender opportunities" and "Single Electronic Data Interchange Area (SEDIA)". The main heading is "National Contact Points for Horizon Europe". Below the heading, there is a paragraph explaining the role of NCPs. A search filter section allows users to search by country and function. On the right, there is a section for "NCP Services" with a list of two items.

**Funding & tender opportunities**  
Single Electronic Data Interchange Area (SEDIA)

English EN  
Register Login

SEARCH FUNDING & TENDERS HOW TO PARTICIPATE PROJECTS & RESULTS WORK AS AN EXPERT SUPPORT

## National Contact Points for Horizon Europe

The network of National Contact Points (NCPs) is the main structure to provide guidance, practical information and assistance on all aspects of participation in Horizon Europe. NCPs are also established in many non-EU and non-associated countries ("third countries").

**Search by**

Country(ies):  Function(s):

Order By:  Country  Contact  Recent  Organisation

### NCP Services

In general, the following basic services are available in accordance with the [NCP Guiding Principles](#) agreed by all countries:

1. Guidance on choosing relevant Horizon Europe topics and types of action
2. Advice on administrative procedures and contractual