Crowdhelix is an Open Innovation platform that forges links between an international network of excellent researchers and innovating companies, to help deliver pioneering collaborative projects under the EU's ‘Horizon 2020’ programme.
Horizon 2020 is the biggest EU research and innovation programme ever, with €80 billion of funding available. Horizon 2020 is open to any organisation, anywhere in the world. International teams of research organisations and companies compete for funds to carry out cutting-edge projects.
RTO and University members

Our research and technology organisation & university members are a selected group of excellent institutions that are highly active in EU research and innovation.
Our corporate members provide a strong foundation for industry-led research and innovation.
SME Members

The network is open to any small or medium sized company with ambition to succeed in Horizon 2020.
Our members are highly successful at securing Horizon 2020 funding.

**Track records**

- **Projects awarded**: 7,975
- **Budget secured**: €4.58 billion
- **As project coordinator**: 24%
- **Of total programme budget**: 9%

*SOURCE: CORDIS-EU Research Projects Under Horizon 2020 as of 18th November 2019*
Collaborations centre on topic-focused communities called Helixes. Many are coordinated by some of Europe's leading research organisations.
The network is powered by Crowdhelix, a custom-built Open Innovation platform.
Offering expertise & seeking collaboration for Horizon 2020 calls on migration

Seeking Expertise

Urban change
Diversity
Multiculturalism
Migration governance
Asylum and Migration

As Sabanci University Faculty for Arts and Social Sciences, we are interested in participating in the following calls under Horizon 2020 “Europe in a Changing World”:
- MIGRATION-03-2019: Social and economic effects...

Crowdhelix User
Slovenian Migration Institute ZRC SAZU
Dear Kristen, My institution, Slovenian Migration Institute at ZRC SAZU focuses on topics mentioned above and has ample experiences in leading and participating in EU projects...

Seeking Funding

The platform connects researchers & innovators across different countries & sectors
An intelligent recommender system matches opportunities to suitable collaborators.
Organisations & research groups profile their R&I expertise

Assign key organisation contacts, and delegate management permissions

Highlight organisation's experts, departments, and research groups

Control organisation's participation in Helix communities

View and manage colleagues' posted collaboration opportunities
<table>
<thead>
<tr>
<th>In-person collaboration events</th>
<th>The network runs consortium-building events focused on specific Horizon 2020 calls</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Opening Energy Horizons</strong></td>
<td><strong>International Health in Horizon 2020</strong></td>
</tr>
<tr>
<td>Wales House, Belgium</td>
<td>KU Leuven, Belgium</td>
</tr>
<tr>
<td>Hosted by Cardiff University, this event focused on building</td>
<td>Hosted by KU Leuven, this event focused on building collaborations around</td>
</tr>
<tr>
<td>collaborations for upcoming Horizon 2020 Energy calls</td>
<td>health calls in the 2018-2020 Work Programme</td>
</tr>
<tr>
<td><strong>Quantum Helix Launch</strong></td>
<td><strong>The Future of Food</strong></td>
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<tr>
<td>TU Delft, Netherlands</td>
<td>Sonae, Portugal</td>
</tr>
<tr>
<td>Hosted by TU Delft, this event focused on industrial leadership</td>
<td>Hosted by Sonae, this event focused on the key challenges and opportunities</td>
</tr>
<tr>
<td>under Horizon 2020 and saw the launch of the new Quantum Helix</td>
<td>shaping the future of food</td>
</tr>
</tbody>
</table>
"What the world needs now is solidarity.
With solidarity we can defeat the virus and build a better world."

UN Secretary-General António Guterres
31 March 2020

un.org/coronavirus
#coronavirus | #COVID19
Launch of The COVID-19 Helix Community

- We are building an international community of researchers & innovators with the expertise to help tackle the current coronavirus (COVID-19) pandemic, and contribute towards the development of societal resilience to future such outbreaks.
- The COVID-19 community joins the 22 other “Helixes” hosted on the Crowdhelix collaboration platform.
- We are seeking experts to join the COVID-19 Helix who have a strong track record of research & innovation excellence in relevant areas such as:

  - Virology
  - Epidemiology
  - Social Sciences
  - Humanities
  - Data Sciences
Academic Leadership: A Network Approach
Teaming up with other networks and infrastructures
Karolinska Institutet: COVID-19 Helix Leader

Karolinska Institutet have world leading research in several areas important to address the challenges arising from the COVID-19 pandemic:

- virology, immunology and infectious diseases
- disaster medicine
- health care systems
- epidemiology
- medical ethics
- psychology and behavioral science
- public health and care sciences

"Karolinska Institute is pleased to lead the COVID-19 Helix community hosted on the Crowdhelix platform. This collaborative initiative is timely and important in tackling the global challenge presented by COVID-19."

Bjorn Kull
Helix Leader
Karolinska Institutet has recently won several projects within COVID-19 research, including three Horizon 2020 EU projects coordinated by researchers at Karolinska Institutet, totalling 9 million euros of EU funding, targeting:

- Vaccine development
- Immunotherapy
- Neutralizing antibodies

Karolinska Institutet has also launched COVID-19 courses for care providers and medical personnel following a request from the National Board of Health and Welfare.
Karolinska Institutet have strong international research collaborations and regional with the nearby Karolinska University Hospital, Public Health Agency of Sweden, the Royal Institute of Technology KTH, Stockholm University and with the national core facility SciLifeLab that coordinates major efforts in diagnostics and research on the Coronavirus.

Karolinska Institutet wants to help generate positive impact to the crisis through:

- Quickly increase knowledge about the new Coronavirus to better understand its effects on humans and humanity.
- Increase knowledge of the COVID-19 disease, risk factors, prognosis, and to be able to optimize the choice of new treatments, on vaccines and new tests.
COVID-19 Resource Hub at Karolinska Institutet

A hub for Karolinska Institutet’s education and research related to the new coronavirus. Staff and students at KI will find important information and recommendations updates throughout the ongoing pandemic.

Resources for researchers

On this page, Grants Office continually gather information about resources that are of interest to researchers working with COVID-19 or related areas.

- Research funding during the COVID-19 pandemic
  - Updates on new grant announcements and changed terms in ongoing funding as a result of the COVID-19 pandemic.

- Digital meeting place for COVID-19 researchers
  - https://network.crowdhelix.com/covid-19
Since its launch, the Helix welcomed over 70 new organisations from 25 countries across Europe, Asia, North America and Africa

More than 40 opportunities can be found on the Helix page

“Citizen crowds flock to assist coronavirus research”

“The world needs this,” says Daniel Green, the CEO of Yaqrit, a London-based company that has posted a call-to-action on Crowdhelix. “It's too hard to find partners through an organically grown network. Yaqrit has been trialling devices that treat patients with end-stage liver disease. When research started emerging that the immune reaction in severe cases of COVID-19 bears similarities to end-stage liver disease, Green decided they had to act.”
Case study 1: Drug Discovery Partnership

4 possible collaborators (8 comments) replied to this opportunity, with more private messages being sent directly to the researcher.

“I received few expression of interest in different areas against Covid. [...] The Helix gave a good exposure and it was useful to create connections.” (Alessandro Padova, Fondazione Ri.MED)
Case Studies 2 and 3

Seeking Collaborators for EDCTP2 call on COVID-19 Research

Can act as:
- Work Package Leader
- Consortium Partner

Seeking expertise:
- Social sciences
- Humanities
- Data sharing
- Disease prevention
- Vulnerable groups
- Covid-19

Problem statement & research questions: In the wake of the novel COVID-19 Pandemic, access to reliable and concrete information to the most vulnerable...

Offering expertise in point-of-care molecular diagnostics

Can act as:
- Work Package Leader
- Consortium Partner

Seeking expertise:
- Validation
- Microfluidics
- Industry collaboration
- Clinical analytics

The current SARS-CoV-2 pandemics has highlighted the need for rapid and accurate diagnostic tests to detect, as soon as possible, infected individuals...

Read more...
Crowdhelix will continue to:

- **Maintain** the COVID-19 Helix
- **Track** and capture collaborations that have been a success
- **Update** and **connect** experts to global funding calls
- **Align** the COVID-19 Helix activities with upcoming Horizon Europe opportunities
Crowdhelix

Thank you for your attention!

network.crowdhelix.com/covid-19