



**Funding and partners for your idea - Instantly**

[www.spinbase.eu](http://www.spinbase.eu)

# Registration

How to register your account and login to Spinbase.

1

Click here:  
<https://spinba.se>

2

The screenshot shows a web browser window with the URL 'spinbase.se'. The page header includes the 'SPINVERSE SPINBASE' logo on the left, the title 'Spinbase : Funding and Partners for your Idea - Instantly' in the center, and 'Register Login' on the right. The main content area displays the message 'You must [register](#) or [login](#) to search.' with a red arrow pointing to the 'register' link. A red box highlights the text 'Click on Register' below the arrow. At the bottom of the page, there are links for 'Terms of service' and 'Privacy policy' on the left, and a footer note 'Spinbase service is partly based on information from European Union open data.' on the right.



Go to “Sign up” tab

3

Spinbase

Log In Sign Up

in SIGN UP WITH LINKEDIN

or

yours@example.com

your password

I agree to the terms of service and privacy policy.

SIGN UP >

Enter your email and desired password

4

Spinbase

Log In Sign Up

in SIGN UP WITH LINKEDIN

or

amir.moslemi@spinverse.com

.....

I agree to the terms of service and privacy policy.

SIGN UP >

Read & accept the terms of service and press “SIGN UP”

5

Spinbase

Log In Sign Up

in SIGN UP WITH LINKEDIN

or

amir.moslemi@spinverse.com

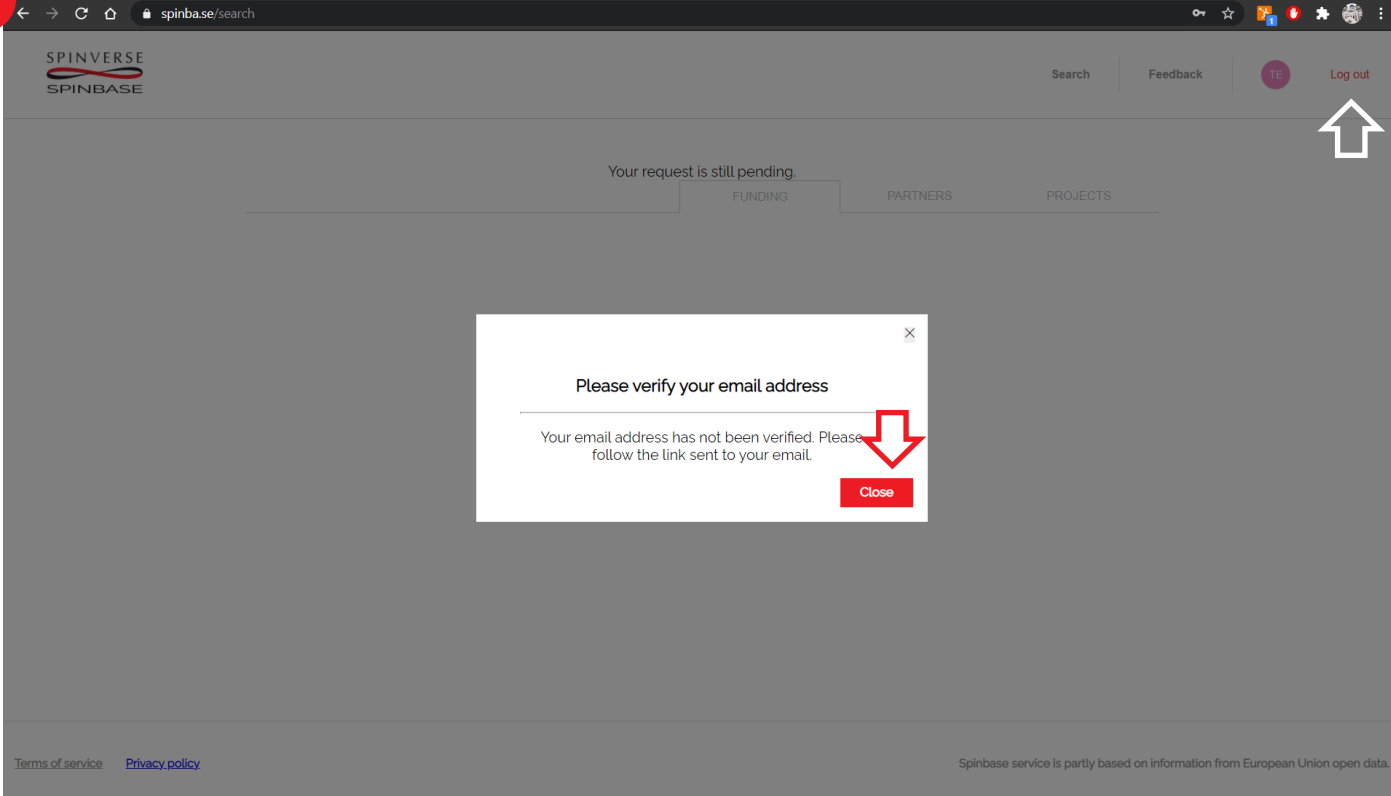
.....

I agree to the terms of service and privacy policy.

SIGN UP >

## Press “Close” and then “Logout”

6



The screenshot shows a web browser window with the URL `spinbase/search`. The page header includes the SPINVERSE SPINBASE logo, a search bar, a feedback link, and a user profile icon with the text "TE" and a "Log out" link. A modal dialog is displayed in the center of the screen with the following text:

Please verify your email address

Your email address has not been verified. Please follow the link sent to your email.

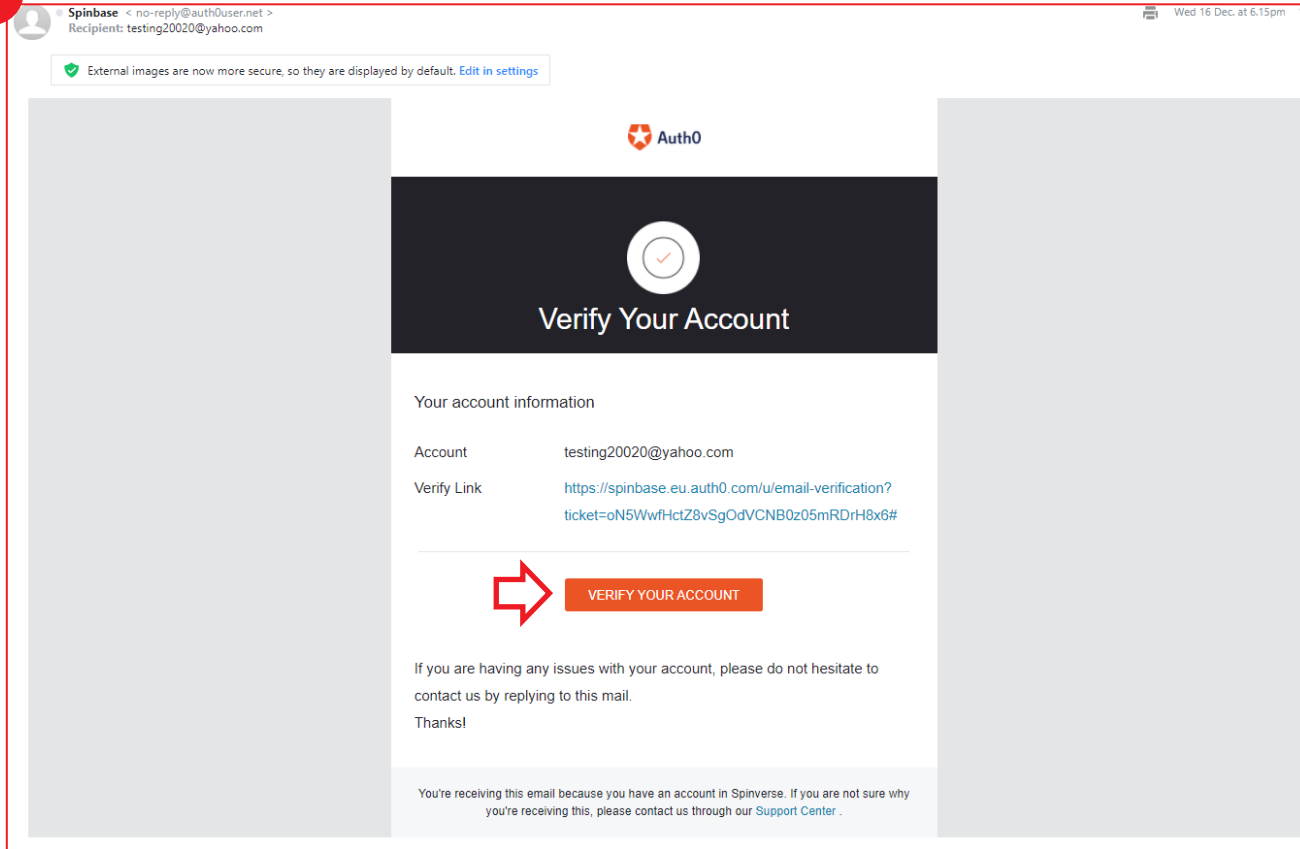
A red arrow points to the "Close" button in the modal dialog. A white arrow points to the "Log out" link in the top right corner of the page.

Terms of service [Privacy policy](#)

Spinbase service is partly based on information from European Union open data.

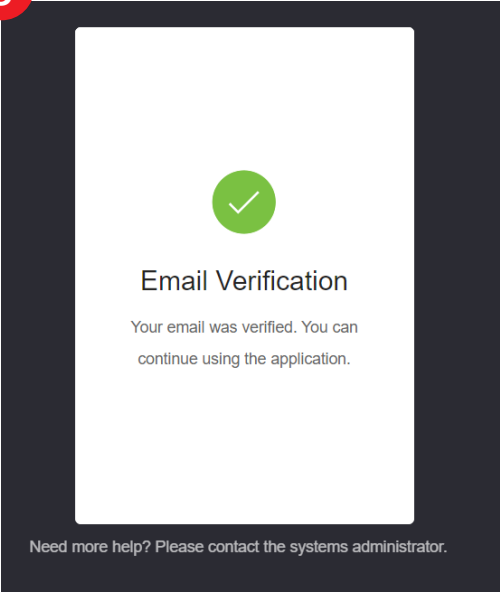
7

## Go to your email inbox and Verify your account



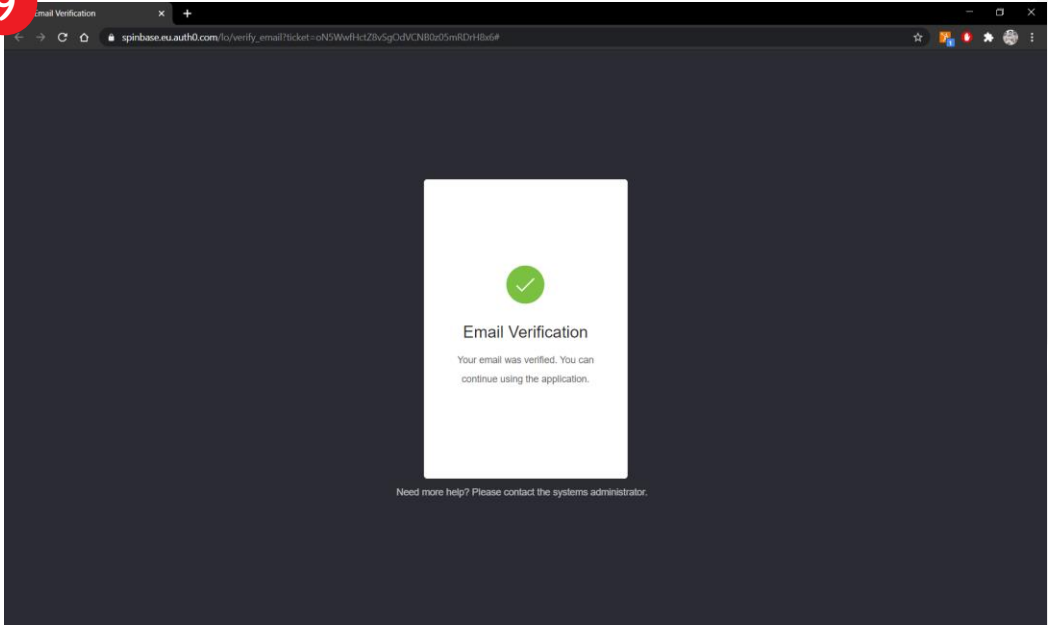
8

Verification is done!

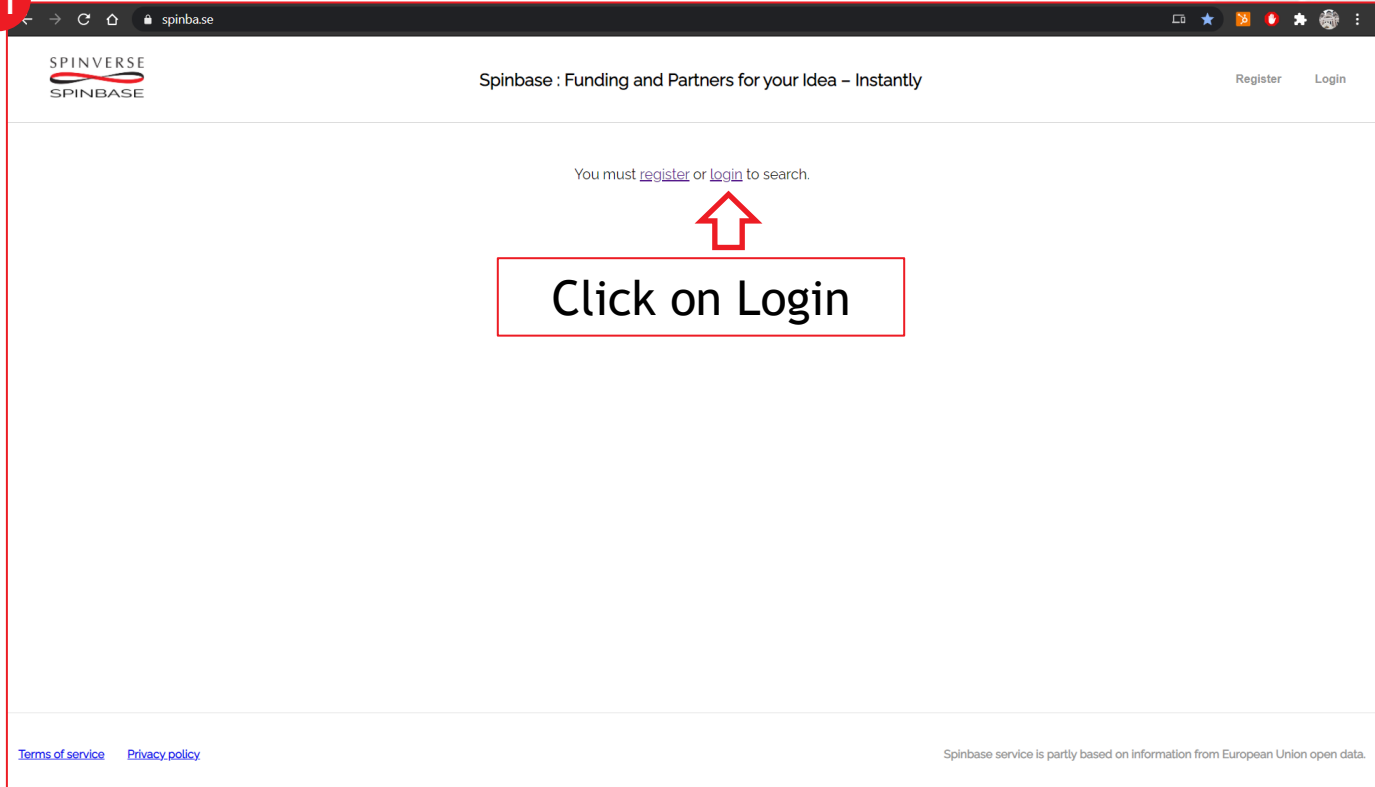


9

Close your browser windows



11



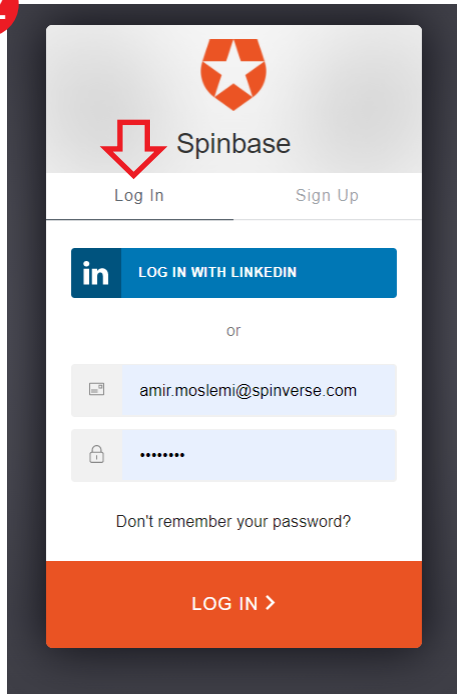
10

Click here:  
<https://spinba.se>



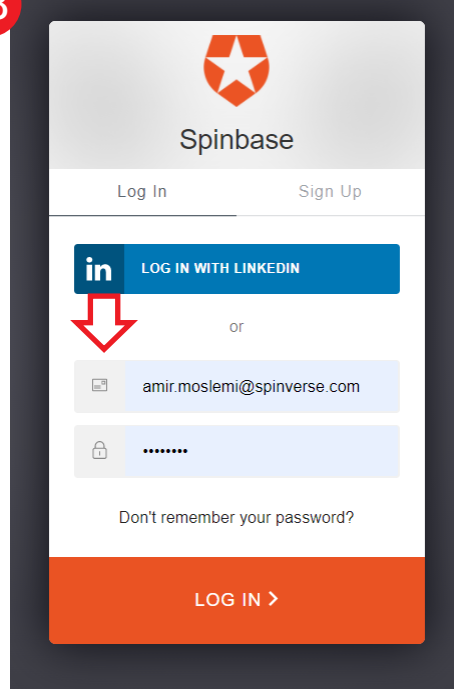
Go to “Login tab” tab

12



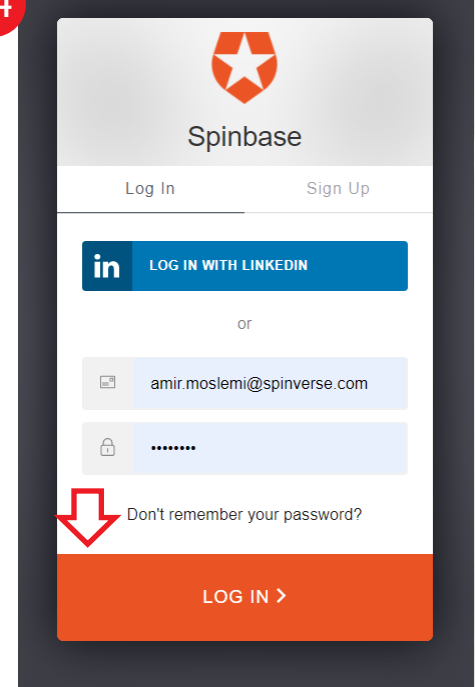
Enter your selected email and password

13



Press “LOG IN”

14



# How to use Spinbase

Spinbase is an AI-based funding search tool that uses natural language as an input. By entering your idea or project abstract, you will find suitable funding instruments, other players interested in the same kind of subjects, and information to refine your plans.

# Enter your idea or project abstract to semantic search - find answers and potentially new ideas

Filter/order the results based on Match, Type of action; and Call programme

Enter your idea description

Industrial scale demonstrator operational by 2026 based on Industrial Symbiosis and novel, highly **optimised** and energy efficient catalytic systems.  
Significant reduction of industrial CO2 emissions (~200Mt p.a. reduction by 2050) with the potential to achieve a carbon intensity below 20g CO2eq/MJ.  
Enhance the effectiveness of renewable energy sources (i.e. solar, wind) by enabling the production and transmission of a flexible high energy density storage medium in the form of chemicals and synthetic fuels to be used for specific industry segments (e.g. aviation, chemical, shipping, **defence**) and validated through Techno-Economic and Life Cycle Assessment (TEA/LCA).  
Demonstrate and validate the industrial feasibility and cost effectiveness of the technologies, at pilot plant level with a minimum chemical production capacity of 4000 tons per annum, while enhancing Europe's sustainable competitiveness in accordance with the Commissions Industrial Strategy[3].  
Significant indirect impact on air quality and citizen health through the capturing of flue gas emissions from large

**Match %:** This is the similarity score that the AI engine has given to each one of the search results. It means that AI has read the whole text you provided as search query, and analysed it word by word and then compared that with the texts associated with each funding call topics in our entire database, and as a result it is recommending that the higher the % is, there is a better match.

FUNDING PARTNERS PROJECTS

Order by Match Type of action Call programme

EXPORT TO POWERPOINT

LC-GD-3-1-2020 - Closing the industrial carbon cycle to combat climate change - Industrial feasibility of catalytic routes for sustainable alternatives to fossil resources

Specific Challenge: Greening of industrial and energy production, storage and distribution[1] by use of CO2 emissions from industrial processes. The challenge is to sustainably convert CO2 emissions from industrial processes into synthetic fuels and chemicals utilising renewable energy driven processes with novel, highly optimised and energy efficient catalytic systems. This has the potential e.g. to reduce by over 30 % the current - 665 Mt of CO2 emissions per ...

26.01.2021 68 € 0-40 M

IA Innovation action

TRL: 4-5-7

READ MORE

PERFORM PARTNER SEARCH

SELECT

SAVE

InnovFund-LSC-2020-two-stage - Innovation Fund Large Scale Projects

Scope: The present call targets projects on low-carbon technologies and processes in all sectors covered by Directive 2003/87/EC (the EU ETS Directive): Innovation in low-carbon technologies and processes in sectors listed in Annex I, including environmentally safe carbon capture and utilisation (CCU) that contributes substantially to mitigating climate change as well as products substituting carbon intensive ones produced in sectors listed in Annex ...

29.10.2020 18 € N/A

See the next Deadline, the Match %, and € amount of funding for each proposal

Save the results to your profile

# Find detailed information about each call

Enter your idea description

Industrial scale demonstrator operational by 2026 based on Industrial Symbiosis and novel, highly **optimised** and energy efficient catalytic systems. Significant reduction of industrial CO<sub>2</sub> emissions (~200Mt p.a. reduction by 2050) with the potential to achieve a carbon intensity below 20g CO<sub>2</sub>eq/MJ. Enhance the effectiveness of renewable energy sources (i.e. solar, wind) by enabling the production and transmission of a flexible high energy density storage medium in the form of chemicals and synthetic fuels to be used for specific industry segments (e.g. aviation, chemical, shipping, **defence**) and validated through Techno-Economic and Life Cycle assessment (TEA/LCA). Demonstrate and validate the industrial feasibility and cost effectiveness of the technologies, at pilot plant level with minimum chemical production capacity of 4000 tons per annum, while enhancing Europe's sustainable competitiveness in accordance with the Commissions Industrial Strategy[3]. Significant indirect impact on air quality and citizen health through the filtering of flue gas emissions from large

FUNDING PARTNERS PROJECTS

Order by Match Type of action Call programme EXPORT TO POWERPOINT

LC-GD-3-1-2020 - Closing the industrial carbon cycle to combat climate change - Industrial feasibility of catalytic routes for sustainable alternatives to fossil resources

Specific Challenge: Greening of industrial and energy production, storage and distribution<sup>[1]</sup> by use of CO<sub>2</sub> emissions from industrial processes. The challenge is to sustainably convert CO<sub>2</sub> emissions from industrial processes into synthetic fuels and chemicals utilising renewable energy driven processes with novel, highly optimised and energy efficient catalytic systems. This has the potential e.g. to reduce by over 30 % the current -665 Mt of CO<sub>2</sub> emissions per ...

READ MORE PERFORM PARTNER SEARCH SELECT SAVE

InnovFund-LSC-2020-two-stage - Innovation Fund Large Scale Projects

Scope: The present call targets projects on low-carbon technologies and processes in all sectors covered by Directive 2003/87/EC (the EU ETS Directive). Innovation in low-carbon technologies and processes in sectors listed in Annex I, including environmentally safe carbon capture and utilisation (CCU) that contributes substantially to mitigating climate change as well as products substituting carbon intensive ones produced in sectors listed in Annex ...

Closing the industrial carbon cycle to combat climate change - Industrial feasibility of catalytic routes for sustainable alternatives to fossil resources

## Specific Challenge

Greening of industrial and energy production, storage and distribution<sup>[1]</sup> by use of CO<sub>2</sub> emissions from industrial processes.

The challenge is to sustainably convert CO<sub>2</sub> emissions from industrial processes into synthetic fuels and chemicals utilising renewable energy driven processes with novel, highly optimised and energy efficient catalytic systems. This has the potential e.g. to reduce by over 30 % the current -665 Mt of CO<sub>2</sub> emissions per annum<sup>[2]</sup> related to the Energy Intensive Industries in Europe. However, it is necessary to demonstrate the industrial and economic feasibility of producing synthetic fuels and chemicals by scaling-up the developed technologies to reach industrial production levels and validate the industrial exploitability and circularity.

## Scope

- Develop and deploy highly innovative and recyclable catalytic material systems to facilitate the production of synthetic fuels and chemicals from industrial flue gas emissions: mainly CO<sub>2</sub> (but also CO and H<sub>2</sub>), aiming at 50 % increase in the overall efficiency compared to the State-of-the-Art;
- Develop innovative, renewable energy driven, catalytic processes, to produce synthetic fuels and chemicals, at a sufficiently large scale to demonstrate its cost effectiveness, while reducing the use of critical raw materials;
- Demonstrate the full value chain for industrial production (including SMEs) of synthetic fuels and chemicals, whilst reducing greenhouse gas emissions;
- Address financial, regulatory, environmental, land and raw material (including critical raw materials) constraints, as well as public acceptance issues and socio-economic impact related to the proposed technological pathways.

Proposals are expected to bring the core technology from **TRL 4-5 up to TRL 7** at the end of the project. The Commission considers that proposals requesting a **contribution from the EU of up to EUR 40 million** and with a duration of up to 5 years would allow this specific challenge to be addressed appropriately. In line with the Union's strategy for international cooperation in research and innovation, international cooperation is encouraged.

## Expected Impact:

## Topic information:

- Programme Horizon 2020 Framework Programme (H2020)
- Topic status Open
- Call identifier H2020-LC-GD-2020
- Call title Building a low-carbon, climate resilient future: Research and innovation in support of the European Green Deal
- Publication date 18 September 2020
- Opening date 22 September 2020
- Next deadline: 26.01.2021
- Budget of the topic
- External links:

Topic page Call page

- > Interested organizations
- > Topic tags
- > Topic keywords

# Find all the organizations that have raised their interest on a specific topic through EC's databases

Industrial scale demonstrate efficient catalytic systems. Significant reduction of  $\text{CO}_2$  intensity below 20g  $\text{CO}_2$ eq/kWh. Enhance the effectiveness of flexible high energy density segments (e.g. aviation, of (TEA/LCA)). Demonstrate and validate the minimum chemical production accordance with the Comets Significant indirect impact

Order by Match Type of action

LC-GD-3-1-2020 - Closing the industrial catalytic routes for sustainable AI

Specific Challenge: Greening of industrial processes from industrial processes. The challenge is to sustainably convert  $\text{CO}_2$  emissions from industrial processes into synthetic fuels and chemicals utilising renewable energy driven processes with novel, highly optimised and energy efficient catalytic systems. This has the potential e.g. to reduce by over 30 % the current -656 Mt of  $\text{CO}_2$  emissions per annum<sup>2021</sup> related to the Energy Intensive Industries in Europe. However, it is necessary to demonstrate the industrial and economic feasibility of producing synthetic fuels and chemicals by scaling-up the developed technologies to reach industrial production levels and validate the industrial exploitability and circularity.

Scope:

- Develop and deploy highly innovative and recyclable catalytic material systems to facilitate the production of synthetic fuels and chemicals from industrial flue gas emissions: mainly  $\text{CO}_2$  (but also  $\text{CO}$  and  $\text{H}_2$ ), aiming at 50 % increase in the overall efficiency compared to the state-of-the-art.
- Develop innovative, renewable energy driven, catalytic processes, to produce synthetic fuels and chemicals, at a sufficiently large scale to demonstrate its cost effectiveness, while reducing the use of critical raw materials;
- Demonstrate the full value chain for industrial production (including SMEs) of synthetic fuels and chemicals, whilst reducing greenhouse gas emissions;
- Address financial, regulatory, environmental, land use and material (including critical raw material) constraints, as well as public acceptance related to the proposed technological pathways.

Proposals are expected to bring the core technology for project. The Commission considers that proposals require [EU research and innovation](#) and with a duration of up to 5 years would be addressed appropriately in line with the Union's strategy and innovation. International cooperation is encouraged.

Expected Impact:

Closing the industrial carbon cycle to combat climate change - Industrial feasibility of catalytic routes for sustainable alternatives to fossil resources

## Specific Challenge

Greening of industrial and energy production, storage and distribution<sup>2021</sup> by use of  $\text{CO}_2$  emissions from industrial processes.

The challenge is to sustainably convert  $\text{CO}_2$  emissions from industrial processes into synthetic fuels and chemicals utilising renewable energy driven processes with novel, highly optimised and energy efficient catalytic systems. This has the potential e.g. to reduce by over 30 % the current -656 Mt of  $\text{CO}_2$  emissions per annum<sup>2021</sup> related to the Energy Intensive Industries in Europe. However, it is necessary to demonstrate the industrial and economic feasibility of producing synthetic fuels and chemicals by scaling-up the developed technologies to reach industrial production levels and validate the industrial exploitability and circularity.

## Scope

- Develop and deploy highly innovative and recyclable catalytic material systems to facilitate the production of synthetic fuels and chemicals from industrial flue gas emissions: mainly  $\text{CO}_2$  (but also  $\text{CO}$  and  $\text{H}_2$ ), aiming at 50 % increase in the overall efficiency compared to the state-of-the-art.
- Develop innovative, renewable energy driven, catalytic processes, to produce synthetic fuels and chemicals, at a sufficiently large scale to demonstrate its cost effectiveness, while reducing the use of critical raw materials;
- Demonstrate the full value chain for industrial production (including SMEs) of synthetic fuels and chemicals, whilst reducing greenhouse gas emissions;
- Address financial, regulatory, environmental, land use and material (including critical raw material) constraints, as well as public acceptance related to the proposed technological pathways.

Proposals are expected to bring the core technology for project. The Commission considers that proposals require [EU research and innovation](#) and with a duration of up to 5 years would be addressed appropriately in line with the Union's strategy and innovation. International cooperation is encouraged.

## Expected Impact:

## Topic information

- Programme Horizon 2020 Framework Programme (H2020)
- Topic status Open
- Call identifier H2020-LC-GD-2020
- Call title Building a low-carbon, climate resilient future: Research and innovation in support of the European Green Deal
- Publication date 18 September 2020
- Opening date 22 September 2020
- Next deadline: 26.02.2021
- Budget of the topic
- External links:

Topic page Call page

## Interested organizations

3

Moblim Industrial Products - TR  
Small or medium-size enterprise

Moblim is an SME with an R&D department consisted of 18 scientists with master and

6

## Interested organizations

Moblim Industrial Products - TR  
Small or medium-size enterprise

Moblim is an SME with an R&D department consisted of 18 scientists with master and doctorate degrees. We aim is to create environmental-friendly solutions to industrial problems. Our team works in multidisciplinary areas like machinery, chemistry, and biotechnology. Furthermore, we believe we can actively contribute to your project. We would welcome to talk to you for further information regarding our work.

LEIBNIZ-INSTITUT FÜR POLYMERFORSCHUNG DRESDEN EV - DE  
Research Organisation

Working on biodegradable polymers (polyesters from radical ring-opening polymerization). It can be purely aliphatic or contain responsive units - tertiary amines to make responsive to pH/temperature. The polymers are fully biodeg. with esterase, remain stable if the enzyme is not present. Block-Copolymer containing polyesters from CKAAs proved their feasibility to be applied in modern polymer sci. Develop polymers to get biodeg. replacement materials which are used in high quantities (not biodeg.)

Mechanical Modelling, Energy and Materials M4EM6 Laboratory - TN  
Higher or secondary education establishment

M4EM is a leading North-African research group whose main expertise is dealing with aerodynamics, combustion, pollutants dispersion, renewable energy. Solving complex problems using CFD is one of our strengths. One of the main focuses of M4EM is the investigation of new efficient combustion systems using alternative fuels (NG, H<sub>2</sub> and Biodiesel). Moreover, a special focus is given on pollutant after-treatment solutions development. We are interested to join this call through any consortium.

NABLADOT S.L. - ES  
Small or medium-size enterprise

Nabladot S.L. is an SME consultancy specialized in the application of advanced Computational Fluid Dynamics techniques to the industry and civil engineering. We have broad experience in the use of CFD techniques to support the design and operation in industrial-scale installations (boilers, scrubbers, heat exchangers). Moreover, we have a broad experience in European projects (FP7, H2020). More info: [www.nabladot.com](http://www.nabladot.com)

CYPE SOFT S.L. - ES  
Small or medium-size enterprise

CYPE is a Spanish research intensive SME dedicated to the development of technical software for Architecture, Engineering and Construction professionals. Solutions based in open formats for many different areas (BIM, energy efficiency, energy certification, LCA, retrofitting, MEP, architecture, cost estimation, fire protection, lighting, gas, urban planning, structures, cloud platforms, AR, VR, I). With a staff of 200 professionals, CYPE software is used worldwide by more than 100 000 users.

EURONOVIA - FR  
Small or medium-size enterprise

Behind any R&I project, there is the need to stimulate innovation and impactful projects through successful actions on dissemination, exploitation and communication. Our idea is to reduce the breach between science and society. We offer your project the tools to (a) identify the potential different routes for exploitation of the project results; (b) disseminate the information about your project; (c) ensure maximum visibility of the project through tailored communication activities.

GOLEM - Gesellschaft fuer integrierte mikroelektronische Komplettlösungen Gesellschaft m.B.H. - AT  
Small or medium-size enterprise

GOLEM-AT Austria offers advanced AI-driven Digital Twin technologies for automatic collection of big IoT/wireless/wired sensor data (biometrics, environment, energy, automation, Earth observation) and its transformation into holistic monitoring analytics and controls for operators and managers. New high-level rapid tools for modelling of large complex cyber-physical systems. Quality RIA Concept->Development->Innovation prototypes for pilots implementation with excellent high-impact results.

OFFICINAE VERDI GROUP SPA - IT  
Private for profit organisation

Officine Verdi Group SPA, created by UniCredit in Joint Venture with WWF, in these years has consolidated a high level of competences and know-how in H2020 energy efficiency projects. #B2Bmanagement, #InnovationInclusion, #CircularEconomy, #Activedialogue, #BusinessAnalysis, #InnovationInvestments, #ConceptAndBusinessModels, #SustainableDistricts, #ActiveCooperation, #SocioEconomicFramework, #FinancialChemies, #InnovationPlayground, #SmartInnovationEcosystem.

Besti Fabio - IT  
Private for profit organisation

Fabio Besti, Interdisciplinary Design usage design to foster innovation inside consortiums. We specialize in creating strong visual identities and developing all communication materials needed to

5

link to view more partners

> Topic tags

> Topic keywords

4

# Find out who are the others interested in similar topics

Filter the results based on Location, Type of organization; and their Roles



Enter your idea description

By entering your idea or project abstract, you will find suitable funding instruments, other players interested in the same kind of subjects, and information to refine your plans. The search engine works based on semantic analysis, thus provides more versatile results than traditional searches

FUNDING PARTNERS PROJECTS

Country ▾ Type ▾ Role ▾

UNIVERSITY OF BRISTOL

Projects:

Truth and Semantics 44 %

44 % 1 relevant projects

BRISTOL UK

Education Establishments

GO TO WEBSITE SAVE

MEDICAL TECHNOLOGY GROUP OU

Projects:

44 % 1 relevant projects



The 2<sup>nd</sup> way to perform the partner search is from the funding results you have identified. Simply press “PERFORM PARTNER SEARCH” in the funding results.

# Find out who have already received funds for similar topics

Enter your idea description

By entering your idea or project abstract, you will find suitable funding instruments, other players interested in the same kind of subjects, and information to refine your plans. The search engine works based on semantic analysis, thus provides more versatile results than traditional searches



FUNDING

PARTNERS

PROJECTS

Filter the results based on Call titles and, Coordinator country



Call ▾

Coordinator country ▾

## Truth and Semantics

'Anne believes that Bob assumes that Anne believes that Bob's assumption is false. Does Anne believe that Bob's assumption is false?' Don't try too hard answering the question - any straightforward attempt will lead to paradox. But what are we to make of sentences such as 'Anne believes that Bob's assumption is false'? Is the sentence true or false? On the face of it, it would seem that answering this question is a pressing problem for natural language ...

READ MORE

SAVE

🕒  
01.10.2018

%  
44

€  
1M

ERC-2018-STG

UNIVERSITY OF BRISTOL

## Breakthrough gene expression search engine for cost reduction and significantly increased use of open data in drug discovery.

Breakthrough gene expression search engine for cost reduction and significantly increased use of open data in drug discovery. We are putting the power of genetic data analytics into the cloud and providing this as an easy to access service to biologists via a search engine. The challenge today is that as the field of sequencing is developing at a rapid pace and the amount of genetic data is exploding, nobody really can analyze all that data and pull it up when ...

🕒  
01.05.2015

%  
44

€  
71K

H2020-SMEINST-1-2014

# After finding interesting calls, you can select and export those directly to PowerPoint, or Word

Crossing of social tipping points and implementation of the Green Deal, through social innovation that empowers cities and local communities;  
 Leading the transition to climate neutrality by **mobilising** the demand (citizens' needs) and showcasing testing of innovative solutions drawing from European R&I through a socially inclusive mechanism;  
 European cities moving towards climate neutrality by through measures that demonstrate visible substantial reduction of greenhouse gas emissions and air pollution as part of an agreed pathway to climate neutrality by or earlier;  
 Improved share of sustainable and active transport modes. Reduced negative externalities of urban and peri-urban transportation: congestion, pollution and road collisions. Enhanced multimodality and facilitated use of sustainable and clean modes of transport.

**FUNDING**      **PARTNERS**      **PROJECTS**

Order by  
 Match ▼    Type of action ▼    Call programme ▼

**LC-GD-1-2-2020 - Towards Climate-Neutral and Socially Innovative Cities**

Specific Challenge The strategic long-term vision<sup>[3]</sup> published by the Commission for a prosperous, modern, competitive and climate-neutral economy calls for a drastic reduction of greenhouse gas emissions by 2050. The European Commission's Green Deal<sup>[2]</sup> proposes a new growth strategy that aims to preserve the planet for future generations. It should serve as the compass to emerge from the present COVID-19 crisis and offers the opportunity ...

[READ MORE](#)    [PERFORM PARTNER SEARCH](#)    [SELECT](#)    [SAVE](#)

Export  
 Summary list (ppt) ^

Summary list (ppt)

26.01.2021    Whole text (doc)

RIA Research and Innovation action

**LC-GD-9-1-2020 - European Research Infrastructures capacities and services to address European Green Deal challenges**

Specific Challenge The urgency and the scale of Green Deal challenges require the mobilisation and advancement of world-class scientific capacities and resources such as those offered by European Research Infrastructures. They will contribute to the transition towards a climate neutral Europe, targeting at least 50% emissions reduction by 2030. As a pilot under Horizon 2020, activities will focus on the provision of research and innovation services for ...

[READ MORE](#)    [PERFORM PARTNER SEARCH](#)    [SELECT](#)    [SAVE](#)

26.01.2021    % 38    € 0-8.0-7.0-13 M

RIA Research and Innovation action

Type of Action	TRL	Budget MC	Stage 1 DL	Stage 2 DL
<b>2018-2020 Mobility for Growth</b>				
WID-2-2020	First of a kind solutions for sustainable transport and mobility; EU Initiative for accelerating wide market access, scale up and derisking	7	1-1.5	21.04.20
<b>Building a low-carbon, climate resilient future: climate action in support of the Paris Agreement</b>				
LC-GA-22-2020	Enhancing the Belmont Forum Collaborative Research Action on Climate, Environment and Health	8		15.02.20

**SPINVERSE**  
SPINBASE

**Towards Climate-Neutral and Socially Innovative Cities**

Topic Information	
Programme	Horizon 2020 Framework Programme
Topic Status	Open
Call identifier	H2020-LC-GD-2020
Call title	Building a low-carbon, climate resilient future: Research and innovation in support of the European Green Deal
Publication date	18 September 2020
Opening date	22 September 2020
Next deadline	26.01.2021
Budget of the topic	• 2020 - 53 000 000 • LC-GD-1-2-2020 - RIA Research and Innovation action
External link	<a href="#">Topic Page Call Page</a>

**Specific Challenge**

The strategic long-term vision<sup>[3]</sup> published by the Commission for a prosperous, modern, competitive and climate-neutral economy calls for a drastic reduction of greenhouse gas emissions by 2050.

The European Commission's Green Deal<sup>[2]</sup> proposes a new growth strategy that aims to preserve the planet for future generations. It should serve as the compass to emerge from the present COVID-19 crisis and offers the opportunity to bounce forward and accelerate our progress towards meeting the EU climate change objectives. It sets an ambitious target of a 50%-55% reduction of greenhouse gas emissions by 2030. Through its roadmap for action it outlines a long-term vision for the environment, involving all sectors of the economy, geared towards reaching the goal of climate neutrality.

While cities occupy only 2% of the planet's landmass, they consume over 65% of the world's energy and account for more than 70% of global man-made CO<sub>2</sub> emissions. Currently 75% of European citizens live in cities and this percentage is expected to rise to 80% by 2050. Therefore, cities<sup>[1]</sup> must play a crucial role in helping Europe reach the targets of the Green Deal. The Commission will support their systemic transformation towards climate neutrality leveraging, in particular, technological, non-technological and social innovation and new AI-based solutions.

The challenge resides with achieving significant progress towards climate neutrality at a large (European) scale by fostering climate-neutrality and social innovation in cities. This means capitalising on existing research and innovation, valorising available knowledge in Europe, and using Green Deal-targeted social, financial, and technological innovation to co-create, test, and deploy systemic, integrated solutions, technologies, and incentive schemes with cities to tackle the largest sources of pollution in urban and metropolitan areas. It also implies designing incentives promoting investments such as green infrastructure into cities committed to climate



# SPINVERSE



If you have any questions, do not hesitate to contact us!

[amir.moslemi@spinverse.com](mailto:amir.moslemi@spinverse.com), +358 50 3099 953)

[www.spinverse.com](http://www.spinverse.com)

FOLLOW US:

