

# European funding: what's in it for you?

Veronique Vennekens en Nand De Klerck  
Vlaams-Europees verbindingsagentschap



# vleva in a nutshell



# vleva

Vleva is een publiek-private vzw die gaat voor meer [Europa in Vlaanderen](#) en meer [Vlaanderen in Europa](#).

Hoe kunnen we u helpen?

 BLIJF OP DE HOOGTE

 LEDEN AAN HET WOORD

 NEEM DEEL AAN EVENTS

 OP ZOEK NAAR EUROPESE STEUN

 VOLG EUROPESE DOSSIERS OP DE VOET

 WERKEN BIJ EUROPA

1. EU news monitor
2. Building bridges
3. Pursuing your interests
4. Counter

**GO!** onderwijs  
van de Vlaamse  
Gemeenschap

**unizo**

**Vlakwa**  
VLAAMS KENNISCENTRUM WATER  
FLANDERS KNOWLEDGE CENTER WATER



**OVSG**  
De gemeente maakt school

VERSTERKT ONDERNEMERS

**vito**  
vision on technology

**Vlaanderen**  
is toerisme

**KATHOLIEK  
ONDERWIJS**  
.VLAANDEREN

**Verso**  
VERENIGING VOOR SOCIAAL INEENSCHRIJVEN

**imec**

**WATERWEGEN EN ZEEKANAAL NV**

**BOERENBOND**  
trouw aan land- en tuinbouw

**VLIR** Vlaamse  
Interuniversitaire Raad

**brussels  
airport**  
the heart of Europe

**VERENIGING  
VLAAMSE  
PROVINCIES**

**PORT OF  
ZEEBRUGGE**

**V L H O R A**  
Vlaamse Hogescholenraad



**essenscia**  
vlaanderen

**vvsq**

**Vlaamse  
Confederatie Bouw**  
Bouw, energie & milieu

**Port of  
Antwerp**

**Voka** Flanders'  
Chamber of Commerce  
and Industry

**FLANDERS  
MAKE**  
MANUFACTURING INNOVATION NETWORK

**VLM**

**PORT OF  
GHENT**

**taal:  
unie**

**Gezinsbond**

**VLIZ**

**AGROLINK  
VLAANDEREN**



**Vlaanderen**  
verbeelding werkt

# Relevant programs



# HORIZON 2020

## Goal

Research and development

**Budget** € 78 miljard (2014-2020)

- Cofinance: 100% research, 70% close to market

## Content

- Science at the top level
- Industrial Leadership
- Social challenges

## Contact

Nico Deblauwe: E [nico.deblauwe@vlaio.be](mailto:nico.deblauwe@vlaio.be), T 02 432 43 00

[www.ec.europa.eu/programmes/horizon2020/](http://www.ec.europa.eu/programmes/horizon2020/)



# Investing in growth and employment opportunities: EFRO Vlaanderen



## Goal

European regional policy aims to reduce the disparities between regional development levels

## Budget

173,5 mio: Flanders

1/1/17: 61.7 already invested in 70 projects

## Content

- Stimulate research, innovation and technological development through smart specialization
  - Demonstration projects, living labs, development of new products, services or business models



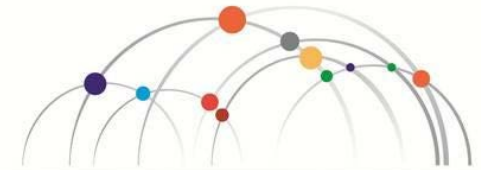
- Strengthen the competitiveness of SMEs
  - Marketing new ideas, intrapreneurship, creating an entrepreneurial environment
  - New business models for SMEs, especially for internationalization
  - Support the growth and innovation process of SMEs
  
- Stimulate the transition to a low-carbon economy
  - Energy efficiency and renewable energy in public infrastructure and housing
  - Low carbon strategies for urban areas
  - Energy efficiency and renewable energy at SMEs
  - Production and distribution of residual heat and renewable energy sources
  
- Sustainable urban development (Antwerp and Ghent)
  - Adaptation to climate change
  - Improvement of the urban environment
  - Increase urban livability

- Integrated Territorial Investment

[europa.eu/legislation\\_summaries/employment\\_and\\_social\\_policy/eu2020/growth\\_and\\_jobs/index\\_nl.htm](https://europa.eu/legislation_summaries/employment_and_social_policy/eu2020/growth_and_jobs/index_nl.htm)



# Europese Territoriale Samenwerking of: EFRO Interreg



EUROPEAN COOPERATION DAY

*Sharing borders, growing closer*

- Grensoverschrijdende programma's:
  - Grensregio Vlaanderen-Nederland, Euregio Maas-Rijn, Frankrijk-Wallonië-Vlaanderen, 2 Zeeën
  - Focus: arbeidsmarkt
- Transnationale programma's:
  - Noordzeeregio, Noordwest Europa
  - Focus: transnationale transportstromen en logistieke thema's
- Interregionale programma's:
  - Interreg Europe, Urbact, Interact
  - Focus: duurzame stedelijke ontwikkeling en regionale ontwikkeling

# Europese Territoriale Samenwerking of: EFRO Interreg



**1/1/17: 555.7 MEUR (34%) of resources are already  
invested**

Depends on Interreg how much is still available

- **2 Zeeën, Noordzee Regio en Noordwest Europa: 100  
- 300 MEUR**
- **Interreg Europe programma: > 150 MEUR**
- **Maas—Rijn programma: 50 MEUR**

**Which calls are currently  
open for you?**



# Subsidy guide [www.vleva.eu](http://www.vleva.eu)

## Op zoek naar Europese steun

Thema: Chemische stoffen

Programma: Horizon 2020

Alleen calls met partnersearch zoeken

Sorteer: Deadline

CALL	29/10/2015	CALL	20/04/2017
H2020 – Supporting innovative SMEs in the healthcare biotechnology sector (SMEInst-05-2016-2017) Deadline 1/06/2017		H2020 - Novel bio-based chemical precursors to improve the performance of mass consumption products (BBI.2017.R5) Deadline 7/09/2017	

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- WERKEN BIJ EUROPA

# Relevant open calls - Innovation Actions

## Demonstration Action

### [H2020 - Integrated multi-valorisation of algae into advanced materials and high added-value additives](#)

[\(BBI.2017.D2\)](#) - Deadline: 07/09/2017

- Demonstrate the efficient operation of a full value chain based on micro- or macro-algae that produces valuable products (such as ingredients or additives, advanced materials, etc.).
- The Technology Readiness Level (TRL) at the end of the project should be 6-7.

### [H2020 - Innovative bio-based fertilising products to increase the sustainability of fertilising practices in agriculture \(BBI.2017.D4\)](#) - Deadline: 07/09/2017

- To improve the sustainability of fertilising products and practices in agriculture.
- The Technology Readiness Level (TRL) at the end of the project should be 6-7.

### [H2020 - Advanced bio-based fibres and materials for large-volume applications \(BBI.2017.D5\)](#) - Deadline: 07/09/2017

- Demonstrate the efficient and viable production of bio-based fibres and materials with superior technical performance and sustainability levels, but at lower production costs, in a whole value-chain approach
- The Technology Readiness Level (TRL) at the end of the project should be 6-7.

# Relevant open calls - Innovation Actions

## Demonstration Action

### **H2020 - Valorisation of liquid and solid side streams from bio-based operations into high added-value products to create new feedstock for bio-based products (BBI.2017.D1) - Deadline: 7/09/2017**

- Demonstrate sustainable and cost-efficient processing technologies for converting side streams and co-products from bio-based operations into high added-value products and hence increase the supply of biomass feedstock.
- The Technology Readiness Level (TRL) at the end of the project should be 6-7.

### **H2020 - Breakthrough primary bio-based chemicals without significant fossil-based counterparts but with high marketability (BBI.2017.D3) - Deadline: 7/09/2017**

- Demonstrate a production process for bio-based chemicals with no significant fossil-based counterparts, originating from sustainably sourced biomass of European origin and demonstrate one application in the market at pre-commercial level.
- The Technology Readiness Level (TRL) at the end of the project should be 6-7.

# Relevant open calls - Innovation Actions

## Flagship action

### [H2020 - Integrated 'zero waste' biorefinery utilising all fractions of the feedstock for production of chemicals and materials \(BBI.2017.F1\)](#) - Deadline: 07/09/2017

- Demonstrate at industrial level a successful and profitable bio-based plant that converts all fractions of the feedstock primarily into chemicals and materials, through a cascading approach where applicable.
- The Technology Readiness Level (TRL) at the end of the project should be 8.

### [H2020 - Large-scale production of proteins for food and feed applications from alternative, sustainable sources \(BBI.2017.F2\)](#) - Deadline: 7/09/2017

- Produce on a large-scale food- and/or feed-grade proteins from sustainable alternative sources, such as residual streams from agriculture, other biomass production and related residual streams, or food industry side streams.
- The Technology Readiness Level (TRL) at the end of the project should be 8.

# Relevant open calls - Research & Innovation Action

**[H2020 - Innovative technologies for the pre-treatment and separation of lignocellulosic feedstock and complex composition streams into valuable fractions while maintaining key characteristics \(BBI.2017.R2\)](#)** - Deadline: **07/09/2017**

- Validate pre-treatment technologies at pilot scale in an industrially relevant environment to allow for the separation of natural bio-based polymers while keeping their main characteristics intact.
- The Technology Readiness Level (TRL) at the end of the project should be 5.

**[H2020 - Exploiting extremophiles and extremozymes to broaden the processing conditions to convert biomass into high-value building blocks \(BBI.2017.R3\)](#)** - Deadline: **07/09/2017**

- Validate at pilot scale in an industrially relevant environment innovative processes that use extremophiles or extremozymes for the efficient conversion of biomass into useable chemical building blocks.
- The Technology Readiness Level (TRL) at the end of the project should be 5.

**[H2020 - Competitive biodegradable, compostable and/or recyclable bio-based plastics for a sustainable end-of-life phase \(BBI.2017.R6\)](#)** - Deadline: **07/09/2017**

- Validate at pilot scale in an industrially relevant environment innovative production routes for bio-based polymers and related bio-based plastic products.
- The Technology Readiness Level (TRL) at the end of the project should be 5.



# Relevant open calls - Research & Innovation Action

## [H2020 - Proteins and other bioactive ingredients from side streams and residues \(BBI.2017.R4\)](#) - Deadline:

**07/09/2017**

- Validate a sustainable process to separate and/or convert proteins and bioactive compounds from residual biomass streams originating from biomass production and conversion.
- The Technology Readiness Level (TRL) at the end of the project should be 4-5.

## [H2020 - Novel bio-based chemical precursors to improve the performance of mass consumption products](#)

[\(BBI.2017.R5\)](#) - Deadline: **07/09/2017**

- Validate at pilot scale in an industrially relevant environment production routes to novel and innovative bio-based chemical precursors for mass consumption products.
- The Technology Readiness Level (TRL) at the end of the project should be 5.

# Relevant open calls - Research & Innovation Action

## [H2020 - Valorisation of gaseous side streams from bio-based operations into chemical building blocks](#)

[\(BBI.2017.R1\)](#) - Deadline: 7/09/2017

- Validate at pilot scale in an industrially relevant environment innovative technologies to efficiently convert gaseous feedstock from bio-based operations into useable chemical building blocks for products in added-value applications in various market segments.
- The Technology Readiness Level (TRL) at the end of the project should be 5.

## [H2020 - Novel secondary bio-based chemicals without significant fossil-based counterparts but with high application potential \(BBI.2017.R7\)](#) - Deadline: 7/09/2017

- Validate a production process for bio-based chemicals with no significant fossil-based counterpart, resulting from primary bio-based building blocks.
- The Technology Readiness Level (TRL) at the end of the project should be 4-5.

# Get to work in 4 steps



**Step 1: Start from own strengths and ideas**

**Step 2: Projectpartners: lead of partner?**

**Step 3: Find the right call**

**Step 4: Write a great proposal**





[subsidieteam@vleva.eu](mailto:subsidieteam@vleva.eu)

T 02 737 14 30



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V L E **V** A

**vleva-EU- subsidieteam**



T: 02 737 14 30

M: [subsidieteam@vleva.eu](mailto:subsidieteam@vleva.eu)

Zoekt u Europese subsidies, subsidiecontactpunten, Europese projectpartners of informatiemomenten? Stel uw vraag aan Ariane, Hanne, Karen, Nand en Veronique van het vleva-EU-subsidieteam. Zij zoeken Europese subsidies voor u, verspreiden uw partneroproepen en informeren u. Zo speelt u nóg beter in op subsidiekansen.

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