



# Catching Innovation

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## News Scoops



### BREAKING NEWS

Professor Ben Feringa has won the Nobel Prize for Chemistry. Feringa gets the prize for the development of molecular machines. He shares the prize with Jean-Pierre Sauvage and Fraser Stoddart. With congratulations from Research & Valorisation

[READ THE RUG PRESS RELEASE](#)

[BEN FERINGA IN NIEUWSUUR, 6 OCTOBER 2016](#)

### Building the Groningen Campus

The University and partners are working hard to develop joint campus knowledge development policy. In this context, two new innovative collaboration missions have officially been kick-started last September, including

- 1 BERNN: Platform Bio-Economy Region of The Northern-Netherlands** [READ MORE](#)
- 2 Avebe Innovation Centre** [READ MORE](#)

**Six million euros for Zernike Campus employment policy.** [READ MORE](#)

[WEBSITE ZERNIKE CAMPUS GRONINGEN](#)

### Strategy News

#### ERC Starting Grant to Astronomer Pratika Dayal

Astronomer Dr. Pratika Dayal from the University of Groningen, Kapteyn Institute, has been awarded a Starting Grant worth EUR 1.5 million by the European Research Council. [READ MORE](#)



### Launched

- 1 University of Groningen Business School** [READ MORE](#)
- 2 Student Entrepreneurship Community portal UG,** by Prof. Aard Groen, Dean University of Groningen Centre of Entrepreneurship. Go tot he portal.

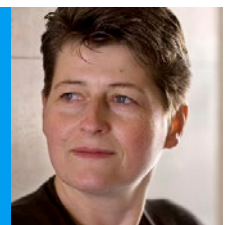
### The Netherlands among the four most competitive economies in the world

Due to the good cooperation between universities and the private sector. [READ THE WORLD ECONOMIC FORUM REPORT](#)

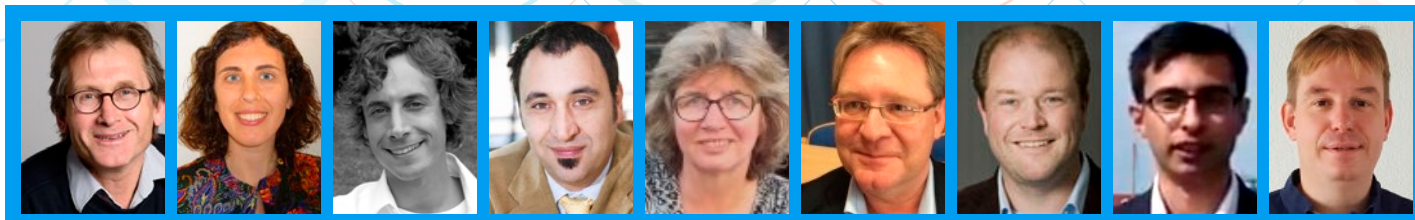
### Published: The power of Groningen: Future Vision on Groningen 2025

[READ MORE](#)

Prof. Petra Hendriks, director of the Center for Language and Cognition Groningen, UG, appointed new member of KNAW. [READ MORE](#)



## Awarded Projects University of Groningen and UMCG



### International grants

#### € 1.2 million European grant for research into smart and virtual factories

Professor Marco Aiello, department of Distributed Systems, has been co-awarded a European MSCA Research and Innovation Staff Exchange grant for research into smart and virtual factories to deal with evolution of change.

[CONTACT PERSON MARCO AIELLO](#)

**The next MSCA Research and Innovation Staff Exchange call will open on 1 December 2016 and close on 5 April 2017.** [READ MORE](#)

#### 2016 Tetrahedron Prize to Prof. Ben Feringa

The Board of Executive Editors of Elsevier's Tetrahedron journal series have awarded the 2016 Tetrahedron Prize for Creativity in Organic Chemistry to Professor Ben Feringa of the Stratingh Institute for Chemistry. [READ MORE](#)

#### Michael J. Fox Foundation Grant for Arjan Kortholt

Dr. Arjan Kortholt of the research group Cell Biochemistry of the Groningen Biomolecular Sciences and Biotechnology Institute, GBB, has been awarded a Fox Foundation grant to characterize and optimize inhibitors for LRRK2-mediated Parkinson's disease. [READ MORE](#)

### National grants

#### First Sustainable Society Impact Award to Steven Forrest

PhD student Steven Forrest, Faculty of Spatial Sciences, is the winner of the first Sustainable Society Impact Award. His research focus is flood resilience. [READ MORE](#)

#### ZonMw grant to Dr. Diana van Bergen for suicide prevention research

Dr. Diana van Bergen received a ZonMw grant for research into the use of experts in suicide prevention due to mental health (mental health care) in the Netherlands. [READ MORE](#)

### National grants

#### Successful September 2016 for Prof. Oscar Kuipers

Prof. Oscar Kuipers, Molecular Genetics at the University of Groningen, has been awarded a prestigious grant on cell research and will be participating in a brand new Dutch cooperation programme with the aim to develop new Antimicrobials.

#### 1 € 7.4 million for rafting on a bacterial cell

[READ MORE](#)

#### 2 Center for Sustainable Antimicrobials in Groningen

[READ MORE](#)

In 2016 Oscar Kuipers was selected as a Highly Cited Researcher in the prestigious ISI Thomson-Reuters ranking list.

#### €1.3 million for Energysense project

Energysense is a large scale longitudinal research infrastructure that will map everything there is to know on Dutch energy behavior. The 1.3 million Euro ENPREGA-project will provide a new service by 2019 that will be instrumental in energy saving by private home owners. [READ MORE](#)

For more information, please contact [PETER VAN KAMPEN](#), Research & Valorisation, Energysense,

#### Designing an innovative energy management system

Dr. Kees Keizer, department Social Psychology, has been awarded a NWO grant into the study and development of an energy management system and user interface that can match supply and demand of various energy carriers using user preferences while contributing to user acceptability and proper adoption of the system. [READ MORE](#)

#### Innovative proteins research

Professor Ida van der Klei, Cell Biologist, has been awarded a grant under the Open Research Programme for research into the transport of proteins in peroxisomal membranes.

[READ MORE](#)

## Business Development & Entrepreneurship



### Better ways to inhale drugs

Carduso Capital will be investing in the PureIMS Twincer dry powder inhaler, a better way to inhale drugs. The Twincer and Cyclops Twincer inventions were made by UG employees, and are legally owned by UG. 'This product has so much potential that time to invest is precious.'

[READ MORE](#)

### Bio-ITech BV signs eLabjournal deal

Big deal for University's spin-off Bio-ITech BV. Last week the Groningen based company signed a deal with the UG and the UMCG to provide Groningen researchers the electronic lab notebook system eLabJournal. eLabJournal provides an excellent system to make research results easier to document in a traceable manner. [READ MORE](#)

### SME International News

#### 1 State of the Union 2016

invest strongly in youth, jobseekers and start-ups through the European Fund for Strategic Investments (EFSI 2.0).

[WATCH THE VIDEO](#)

#### 2 Register for the World Start-up Database [READ MORE](#)

#### 3 Join the American Association for the Advancement of Science [READ MORE](#)

### Launched SME supporting tools

#### 1 Design of a social incubator for promising (nano) technologies [READ MORE](#)

#### 2 Start-up talents platform [READ MORE](#)

#### 3 eHealth business scan [READ MORE](#)

#### 4 Dutch Startup Box [READ MORE](#)

#### 5 Big Data Hub Amsterdam [READ MORE](#)

#### 6 Dutch Digital Delta website [READ MORE](#)

#### 7 Circular stories campaign portal [READ MORE](#)

### Green innovation scoops for UG spin-off

UG's spin-off KNN Advies BV are headlining the news. Last month, three green innovation scoops have been introduced worldwide. The scoops are:

- > An urn of biodegradable plastic [READ MORE](#)
- > Innovative bike path made of recycled cellulose from toilet paper [READ MORE](#)
- > Bio-based packaging for cosmetics of BioPET100 on the basis of glycerine [READ MORE](#)

Website [KNN ADVIES](#)

### Biomass conversion CatchBio project will soon finish

Prof Erik Heeres, UG, is one of the pioneers of the project: 'Collaboration has brought us a lot. [READ MORE](#)

### Kick-off Engineering at the University of Groningen; New Chair on Digital Fabrication

On October 25 2016 the Groningen Engineering Center (GEC) is hosting its kick-off meeting in the Academy Building. 'The GEC contributes to the University of Groningen's profiling as a technical university,' says Dr. Stefania Costache, Scientific coordinator, of the Engineering Centre. [READ MORE](#)

### Creating a Smarter Europe: recommendations for a 4th industrial revolution

The key elements of this engineering revolution include more connected industries; new innovative business models and integrating IT in processes and products. [READ MORE](#)

### Young researchers immersing themselves in the surprising world of engineering research at Zpannend Zernike last weekend.

[WATCH THE PHOTO REPORT](#)



For more information, please contact [MARNIX POOL](#), Business Development, Research & Valorisation

## Business Development & Funding



### Development Cooperation

#### Clean Cooking programme

The programme focuses on the development of commercial markets for smoke-free, low smoke and low-energy incinerators. [READ MORE](#)

#### EP-Nuffic call

Opportunities for training applications by Dutch training providers. The maximum subsidy is €75,000. Deadline: 1 November 2016. [READ MORE](#)

For more information, please contact [WIEBE ZIJLSTRA](#), Research & Valorisation,

#### € 30 million to invest in Dutch National Research Agenda

Jet Bussemaker, Dutch Minister of Science and Education, announced a €30 million euros investment to support the Dutch National Research Agenda. [READ MORE](#)

#### € 150 million investment in Wadden Sea Area

The Wadden provinces, Groningen, Friesland and Noord-Holland, will invest 150 million euros in major 2016 - 2026 Wadden Sea challenges. The challenges include Wadden Sea port development and nature improvement, branding the Wadden Sea as cultural heritage area and to improve vital coastal development. [READ MORE](#)

For more information, please contact [RENÉ FINKERS](#), Research & Valorisation,



## Research Funding

#### Sign up your start-up for the Social Impact Award

On the Social Impact Day Groningen, 9 November 2016, the Social Impact Award 2016 will be awarded to a young company which creates economic and social value.

[READ MORE](#)

#### Dutch Trade and Investment Fund (DTIF)

The Dutch Trade and Investment Fund provides loans, guarantees and export financing. The scheme promotes internationalization of the Dutch business community.

[READ MORE](#)

#### € 300 million INKEF Capital investment for Dutch start-ups

The Dutch Venture Capital firm INKEF Capital has secured an additional € 300 Million funding to continue its diversified investment strategy to support innovative technology start-ups with a strong focus in Health-care and ICT/ New Media/Financial Technology. [READ MORE](#)

#### Sustainable Water Fund for public private partnerships

deadline: 27 February 2017 [READ MORE](#)

#### Biobased Economy StartLife Incubation Programme

This Incubation programme is designed for Agri, Food and Biobased startups working on a technological innovation. The programme offers startup coaching and funding via soft-loans. [READ MORE](#)

#### € 1 Billion plea for research and innovation

Entrepreneurs and scientists, united in the Dutch Kennis Coalitie, are joining forces in a call to the Dutch politicians for an annual investment of €1 billion euro in research and innovation. The aim is to redeem the major social challenges of our time, including the energy transition, the integration of refugees, the adaptation to climate change and future-proof care innovations. [READ MORE](#)



## Business Development & Funding

### Health

#### Health & Nutrition call

deadline: 1 November 2016

Consortia of academic researchers with an interest in computer science and/or mathematics can apply for funding for innovative, multidisciplinary research on complexity in nutrition and health.

[READ MORE](#)

#### Top sector Life Sciences & Health call to stimulate international R&D cooperation

[READ MORE](#)

#### To be announced: Create Health call

[READ MORE](#)

#### Next Generation Infrastructures, Responsive Innovations

deadline: 8 November 2016

Experienced researchers can apply for funding for internationally innovative research projects that are relevant to practice and policy, focusing on new infrastructures. [READ MORE](#)

#### Biotechnology and Safety call

deadline: 6 December 2016

The goal of the programme is to build scientific knowledge concerning the risks associated with future Modern Biotechnology Techniques and applications in relation to Environmental Safety. [READ MORE](#)

#### €1 million for Logistics research

deadline: 31 October 2016

Research topics include Smart ICT for data analytics & cybersecurity in logistics; launching Cross Chain Collaboration Centers; Logistics and innovation and E-commerce. [READ MORE](#)

#### To be announced: third SBIR Cybersecuritycall

This tender is dedicated to the resilience of our society and offers opportunities for the development of expertise.

[READ MORE](#)

### International

#### EIT Raw Materials Business Ideas Competition

deadline: 17 October 2016

The topics include Exploration and raw materials resource assessment; Mining in challenging environments; Increased resource efficiency in mineral and metallurgical processes. 1st prize: € 20.000 / 2nd prize: € 10.000 / 3rd prize: € 5.000.

[READ MORE](#)

#### ITEA Software call

deadline: 27 October 2016

ITEA is supporting innovative, industry-driven, pre-competitive R&D projects in the area of Software-intensive Systems & Services (SiSS). [READ MORE](#)

#### Interreg IVA Mers Seas call

deadline: 28 October 2016

Call to support an innovative sustainable and inclusive two seas area. [READ MORE](#)

### Consultation

You can give your opinion on the following topics:

#### What potential new FET flagship do you prefer?

Which new Future and Emerging Technologies flagships (FET) should be established in the FET work programme for 2018-2020? The 24 proposed FET-flagships are [LISTED HERE](#)

Please send your comment to [NANDA](#).

UG's FET contact person is [GOVERT BUJIS](#), Research & Valorisation

**Please react promptly to...**

#### The future EU-China Investment Agreement

[READ MORE](#)

## Calendar

### REMINDER

8 December 2016, Tilburg University,  
Valorisation conference

### Invitation Societal Impact Conference; synergy Alpha Gamma with other sciences

The UG is co-organizer and is involved in three sessions:  
Knowledge Transfer (by Tom Postmes, Social Psychologist,  
and Sharon Smit), Prevention of Health (SPRINT@Work),  
Social Sciences, FEB and UMCG) and Health (HealthWise)  
FEB. The programme is interesting for a broad audience.

[PRELIMINARY PROGRAMME](#)

### THE BOARD OF OUR UNIVERSITY PROVIDES FREE TICKETS

Contact person: [NEELTJE MIEDEMA](#), Research & Valorisation



TOM POSTMES, SOCIAL PSYCHOLOGIST AND SHARON SMIT

## October 2016

24 October

### Free online university course on Energy Transition [REGISTER HERE](#)

25 October

### UG/Campus Fryslân Science meeting on Cybersecurity

2016, Leeuwarden, The Netherlands [READ MORE](#)

27 October

### Doing business in development countries

The Hague, The Netherlands. [PROGRAMME & REGISTRATION](#)

## November 2016

1 November

### BBE StartLife Incubation meeting

Wageningen, The Netherlands [READ MORE](#)

1 November

### SME Top Sector cross-over event

Oss, The Netherlands [PROGRAMME & REGISTRATION](#)

9–11 November

### Nano Trade Show Brazil

Sao Paulo, Brazil. [PROGRAMME AND REGISTRATION](#)

9 November

### Social Impact Day Groningen

Groningen, The Netherlands [READ MORE](#)

30 November

### UN training for developing countries

30 November till 8 December 2016, University of Groningen,  
The Netherlands [READ MORE](#)

30 November

### Life Sciences: BioFIT 2016

Lille, France [PROGRAMME & REGISTRATION](#)

### Colophon

Catching Innovation covers news on University of Groningen policy, innovation  
& research funding. Check the [R&V WEBSITE](#)

Comments can be sent to Neeltje Miedema [N.T.MIEDEMA@RUG.NL](mailto:N.T.MIEDEMA@RUG.NL)

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Read the previous editions of Catching Innovation, [HERE](#)



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