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Welcome

ECR Lunch on Funding sources for interdisciplinary projects

Young Academy Groningen

6 February 2019



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Program

12:00-12:05 Introduction

12:05-12:30 Speed date

12:30-13:00 Lunch

13:00-13:10 Geert Jan Arends (Senior consultant Research Funding)

13:10-13.20 Astrid vd Veen-Mooij (Faculty Economics & Business)

13:20-13:30 Alma Erenstein (Faculty Law)

13:30-13:40 Leo Dvortsin (Faculty Science & Engineering: ESRIG)

13:40-13:50 Nicolien Wieringa (Faculty Medical Sciences)

13:50-14:00 Question round for funding officers



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Introduction

Multi-disciplinary research school within the University of Groningen

BCN PI Meeting in 2015



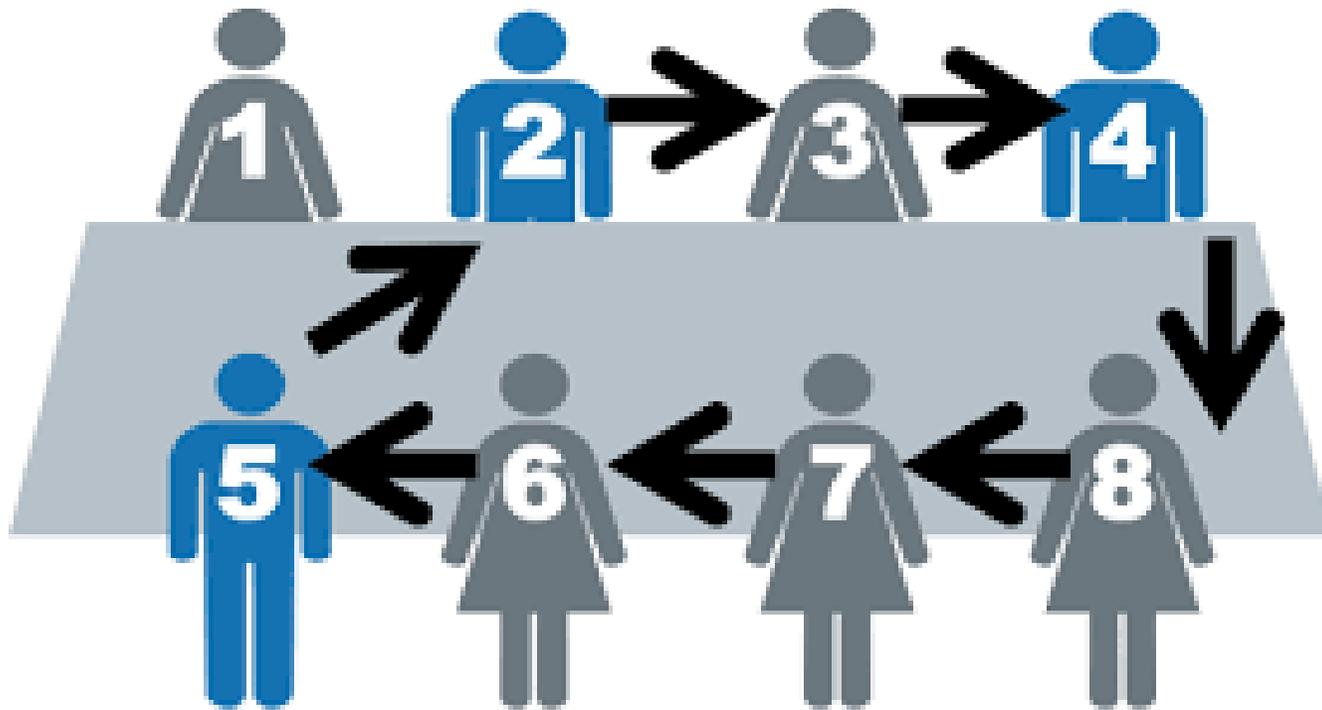
2018 -> PhD student funded by the YAG

Linked to each other
1 hour to think of project

Science and Engineering



Speed date



3 Rounds:

Person 1 introduces him/herself in 1 minute

Bell

Person 2 introduces him/herself in 2 minutes

Bell

3 minute to think about common project

Bell

Write down your name and common goal in 1 sentence



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LUNCH



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office of the university

strategy department for education & research

European funding for interdisciplinary projects

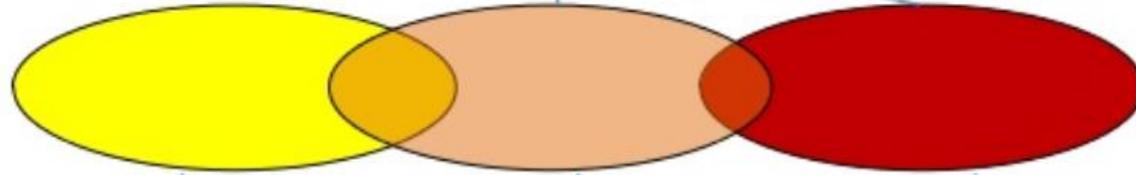
Drs. Geert-Jan Arends
sr consultant EU funding
Strategy Department for Education and Research
g.j.arends@rug.nl



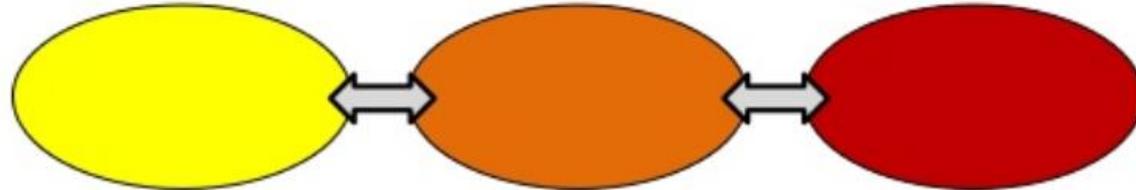
Transdisciplinary



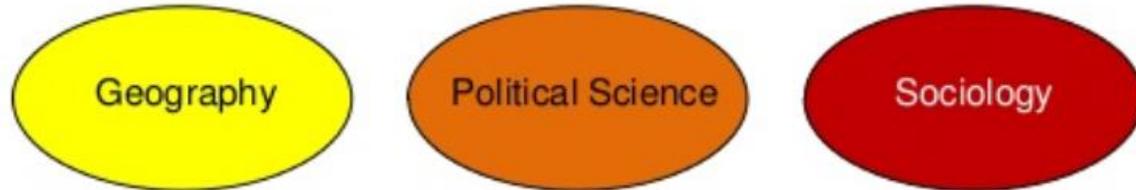
Interdisciplinary



Multidisciplinary



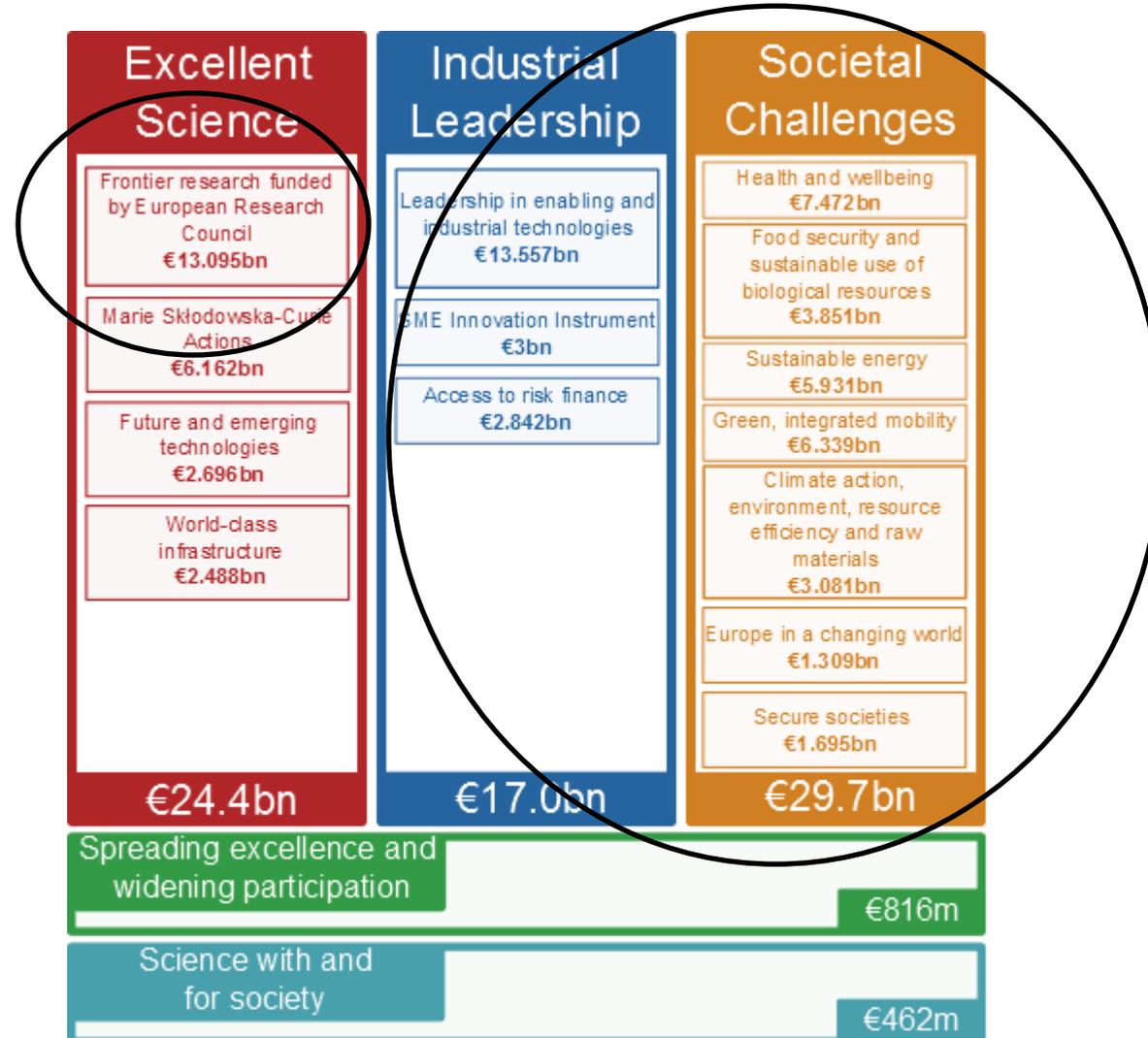
Separate disciplines





European Funding → Horizon 2020 (€ 80 billion; 2013 – 2020)

1 Partner
All topics



Consortium
Top-down



Pillar 1

ERC	in principle	embraces “novel concepts and approaches or developments across disciplines.”
	in practice	monodisciplinary evaluators rigid structure (to keep it simple)



Pillar 2 and 3

‘quick and dirty’ analysis:

Search for calls with keyword *Multidisciplinary* → 1 calls

Search for calls with keyword *Interdisciplinary* → 7 calls

Search for calls with keyword *Trans-disciplinary* → 7 calls

Practice: often Multidisciplinary approach. So different partners with their own discipline



But:

- If you try, do explain well! Educate the evaluator
- Try to find consortia/partners that you can work with by looking for running or finished projects

e.g. google on “Horizon 2020 projects [keyword]”

“Who took my money?”



New Dutch Funding opportunity:

Nationale Wetenschapsagenda – Ideeëngenerator

Funding for risky research.

Max 50 k€

Max 1 year

Call open : 7 March 2019 ?

Call closes : 2 May 2019 ?

2nd call: May – Sept 2019 ??

Freedom in the form of the research, with explicit attention to experiments. Examples mentioned: graduation internships, knowledge labs, testing labs, living labs, field labs, 'scientists in society' where researchers carry out (short-term) projects at a public organization or private party.



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Thank you!



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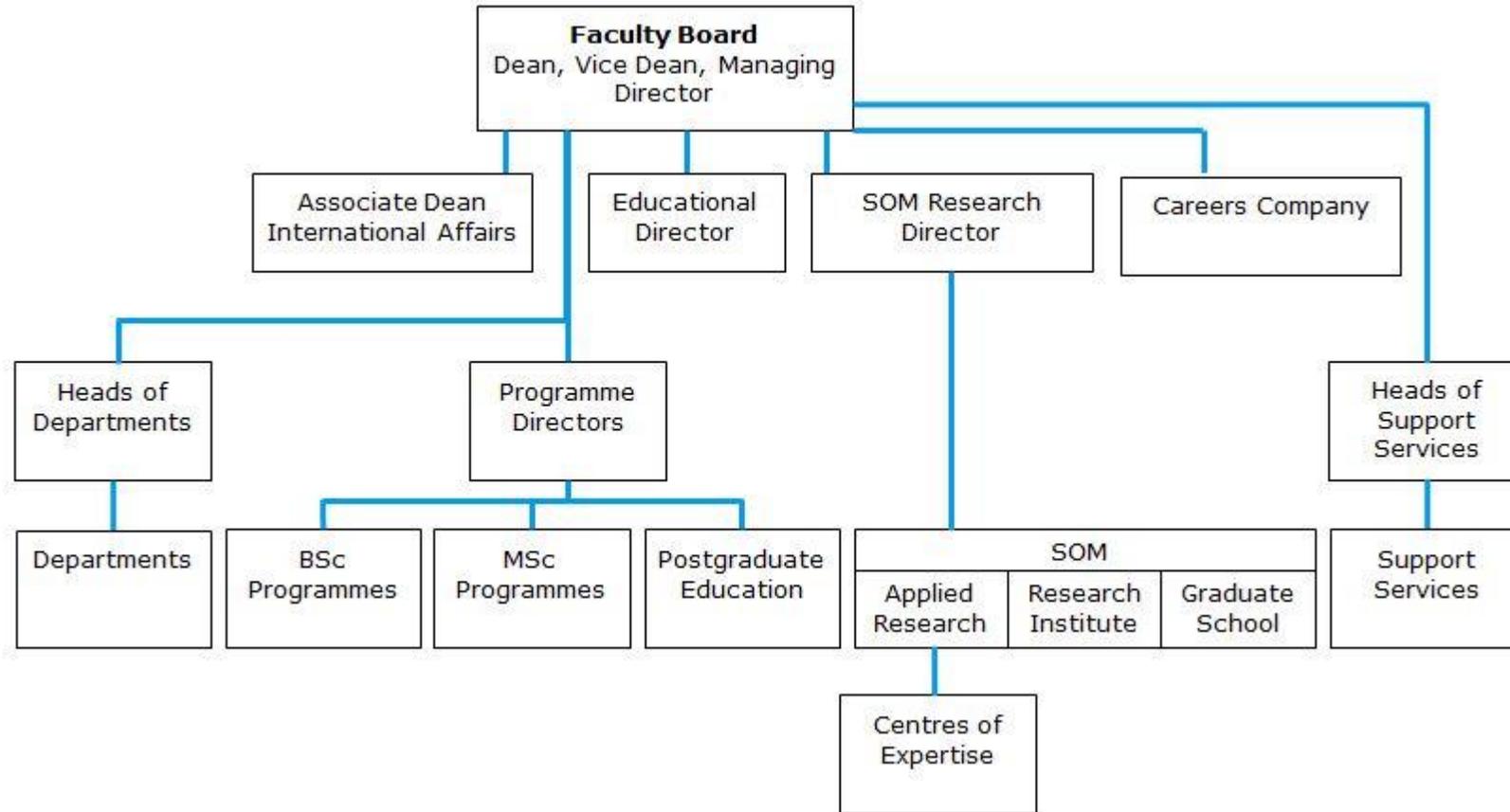
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Astrid van der Veen-Mooij

Faculty of Economics & Business



Faculty of Economics & Business





6 research programs

- GEM (Global Economics and Management)
- EEF (Economics, Econometrics and Finance)
- I&O (Innovation & Organisation)
- Marketing
- OB (Organisational Behaviour)
- OPERA (Operations Management & Operations Research)



Signature Areas: Joint efforts to address grand challenges

- Board Effectiveness
- Collective Resilience
- Connecting Innovation and Creativity
- Digital Business Models
- Individual Health and the Economic Environment Inequality
- Markets and Sustainability.



Funding for Early Career Researchers

Faculty funding

- Department/Research program funds
- Tenure track: personal budget
- PhD: placement program Graduate School



Funding for Early Career Researchers

Individual:

- NWO: Rubicon, Veni
- EC individual fellowships: Marie Curie IF
- UoG: Gratama Foundation (GUF)

- Other:
 - Fulbright scholar program,
 - Jacobs Foundation Research Fellowship Program
 - Russel Sage Foundation
 - Swiss National Foundation
 - Volkswagen foundation, etc. etc.



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Alma Erenstein

Faculty of Law



YAG ECR Lunch

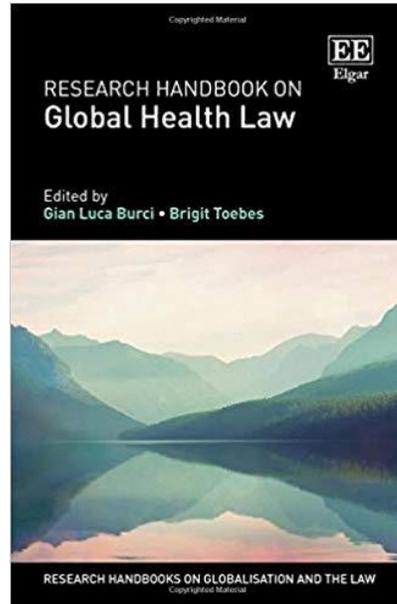
6 February 2019, 12:30-14:00

**Alma Erenstein MA, Faculty Funding Officer, Faculty of Law,
a.m.erenstein@rug.nl**

Outline

- 1. Interdisciplinary research in the Faculty of Law**
- 2. Example: TRICI-Law**
- 3. Resources in our Faculty**
- 4. Other resources and funding programmes**
- 5. General advice**

1. Interdisciplinary research in the Faculty of Law



sustainability MDPPI

Article

Experimenting with Law and Governance for Decentralized Electricity Systems: Adjusting Regulation to Reality?

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Academic Editor: Marc A. Rosen
Received: 20 December 2016; Accepted: 1 February 2017; Published: 3 February 2017

Abstract: Moving towards a low-carbon society calls not only for technological innovation, but also for new modes of governance. However, the current legal framework of the electricity sector, and the modes of governance that it establishes, impede innovation in the sector. To overcome this obstacle, in 2015 the Dutch government adopted a Crown Decree for experiments with decentralized renewable electricity generation (Experimentation Decree) with the aim to generate insights on how to adjust the legal framework. The question remains whether regulation is being adapted to real-life settings, i.e., which lessons can be learned from experimentally acquired results regarding new modes of governance for decentralized electricity systems? To answer this question we apply an interdisciplinary approach: we investigate which modes of governance are established in the Experimentation Decree (legal research) and which ones are implemented in nine projects (governance research). Under the Decree, associations have to carry out all tasks in the electricity supply chain and can engage in collective generation, peer-to-peer supply and system operation. Other modes of governance, new actors for emerging activities and consumer involvement are limited. We conclude that the Experimentation Decree is too restricted regarding new modes of governance for a decentralized electricity system in real-life settings.

Keywords: renewable energy; governance; distributed generation; legislation; experimentation; energy transition

1. Introduction

The European Union aims at 20% final energy consumption from renewable sources by 2020 and 27% by 2030 [1,2]. The shift towards a low-carbon society not only implies a changing source of energy generation but also a changing structure of energy generation. Whereas energy generated from fossil or nuclear sources is mainly produced large scale at centralized locations, renewable energy generators are also capable of producing on small scales. Distributed generation (DG) from intermittent renewable energy sources (RES) for example is increasing rapidly, and related to the efficient integration of RES, smart grid technology is advancing [3,4]. Arguably, RES and smart grid technologies will, and already are reshaping our current energy system [5]. However, while technologies for these developments are ready for implementation, many European countries experience problems with policies and regulations for innovative renewable energy systems such as smart grids [6]. EU-wide research by the International Energy Agency summarizes that one of the main uncertainties for smart grid implementation concern the “roles and responsibilities of actors,

sustainability 2017, 9, 222; doi:10.3390/su9020222 www.mdpi.com/journal/sustainability

2. TRICI-Law

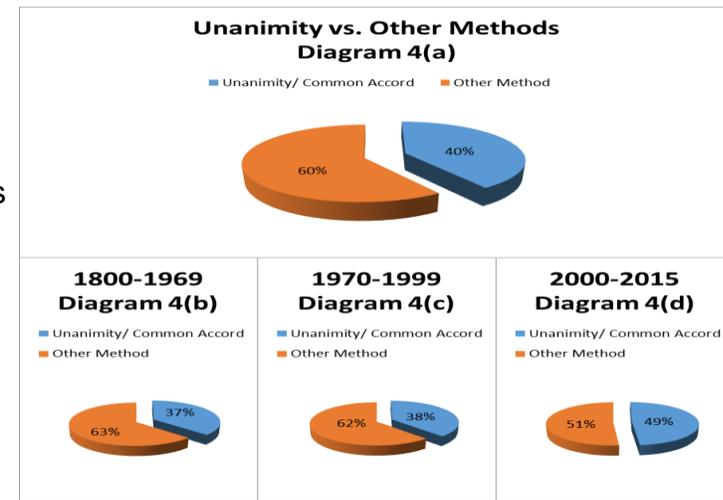


TRICI-Law Methodology

- Legal Methodological Tools
- Non-legal Methodological Tools

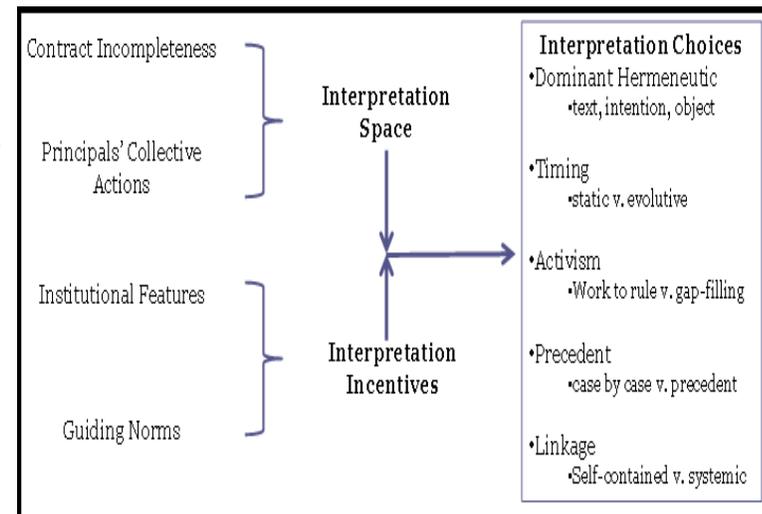
- Quantitative

Source: P Merkouris & M Fitzmaurice, 'Re-Shaping Treaties While Balancing Interests of Stability and Change: Critical Issues in the Amendment/Modification/Revision of Treaties', (2017) 24 ARIEL 1-45



- Qualitative

Source: J Pauwelyn and M Elsig, 'The Politics of Treaty Interpretation' in JL Dunoff and MA Pollack (eds), *Interdisciplinary Perspectives on International Law and International Relations: The State of the Art* (CUP 2013), 445-473



3. Resources in our Faculty

- a) Exemption from teaching activities**
- b) Erasmus+ Staff Mobility Fund and Marco Polo**
- c) Encouraging Internationalization Fund**
- d) Rewarding proposals that receive the highest possible score**
- e) 'Pre-award' support for the development of collaborative projects**
- f) 'Post-award' support for the management of externally funded collaborative projects**

4. Other resources and funding programmes



European Research Council
Established by the European Commission

Supporting top researchers
from anywhere in the world



Netherlands Institute
for Advanced Study
in the Humanities and
Social Sciences



INDEPENDENT SOCIAL RESEARCH FOUNDATION

4. Other resources and funding programmes: the ISRF

- > The Independent Social Research Foundation wishes to support **independent-minded researchers** to explore and present original research ideas which take new approaches, and suggest new solutions, to real world social problems.
- > **ISRF funding**: for Early and Mid-Career Researchers, Independent Scholars, and for Small Groups.
- > The foundation also awards **prizes** for essays in Social Theory, Economics and Interdisciplinarity
- > Award recipients are invited to present their work at the **ISRF Annual Workshop**, previously held in Cambridge (2013), York (2014), Edinburgh (2015), London (2016), Amsterdam (2017), and Berlin (2018).
- > Existing or previous ISRF Fellows may apply to the the **ISRF Book Launch Fund** for one grant of up to £500 towards the cost of holding an event at which their book (or a book to which they have contributed significantly) is launched.

5. General advice

- Contact your FFO.
- Personal Funding Plan.
- Funding Database.



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Leo Dvortsin

Faculty of Science and Engineering: ASRIG

Interdisciplinary research at the Faculty of Science & Engineering

Leo Dvortsin

Scientific coordinator

Energy and Sustainability Research Institute Groningen

Faculty of Science & Engineering

Mission:

- To **excel** in research and teaching in a broad range of disciplines in science and engineering;
- To stimulate **interdisciplinary** activities within this full range of disciplines;
- To do so in an **international** setting;
- To have **impact in society**, not only through education, but also through outreach to the general public and connections to industry as well as governmental and non-governmental agencies.

Research themes:

- Advanced materials;
- Adaptive life;
- Molecular life and health;
- Data science and systems complexity;

Smaller research foci in
“Fundamentals of the Universe” and
“Energy”.

Funding within FSE for Early Career Researchers

Bad news

- FSE has no special funds for interdisciplinary research 😞

Good news

- CogniGron - Groningen Cognitive Systems and Materials Center:
Program on cognitive materials for new generations of low-energy consuming supercomputers;
- Program on the antimicrobial challenge;
- Fundamentals of the Universe;
- Energy.

Opportunities for ECRs

- Top sector programs;
- Dutch National Research Agenda (NWA);
- NWO Roadmap Infrastructure & Gravity program;
- EU Flagships and ITNs.

NWO call Complexity – Creative Industry

Franco Ruzzenenti (FSE)



Expertise:

Complex Systems, Network Theory, Energetics, Energy Modelling, Industrial Ecology, **Rebound Effect**, Finite Time Thermodynamics, Energy Efficiency, Transport Networks, Energy Markets.

Marc Esteve Del Valle (Arts)



Expertise:

New Media & Social Networks

Funding for research valorisation @FSE

Proof-of-Concept fund:

Obtaining proof-of-concept is often essential for continued development and to attract interested partners or additional capital. The Proof-of-Concept fund is specifically for obtaining technical feasibility of ideas. The fund is solely intended to demonstrate proof-of-concept and cannot be applied to support corporate and personnel costs.

- Funding by loan, risk sharing;
- Maximum 100 thousand euros;
- Repayment is dependent on technical and commercial success;
- Available for SMEs developing intellectual property licensed from RUG or UMCG;
- Fields of life sciences and energy.

Technovation loan:

Every start-up or spin-off starts with a good or, preferably, great idea. Before this idea has been proven to work and made profitable, significant time and money will be required. The Technovation loan which is provided in collaboration with Rabobank, is a pre-seed loan for start-up companies in order to develop their idea. The start-up has to develop a product or service which is based on a new invention or application.

- Funding by loan;
- Maximum 100 thousand euros per member of the start-up;
- Available for start-ups and young companies (< 5 years) with a new invention or application;
- Fields of life sciences and energy.

Thank you for your
attention!

Leo Dvortsin

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YAG lunch meeting

Early career funding in the UMCG

Nicolien Wieringa, PhD
FFO Research Office UMCG



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Types of funding

- Going abroad:
 - Rubicon, Marie Curie IF
 - Postdoc positions:
<https://asntech.github.io/postdoc-funding-schemes/>
- Non-commercial funding bodies/charities:
 - KWF for cancer research
 - Dutch Heart Foundation
 - Long Fonds
 - Hersenstichting
 -
 - *can be specifically interested in interdisciplinary research*



Smaller funds

- Gratama Foundation
 - Between € 5k and 25k
- Jan Cornelis de Cock/De Cock-Hadders Foundation
 - Projects up to 12 months
- Stichting De Drie Lichten
 - Additional funding for Dutch medical research
 - Between € 0,5k and 12k

<https://www.fulbright.nl/kennis/grantbase/medicine-health-sciences.html>



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Faculty funding

- MD/PhD projects through Junior Scientific Masterclass (JSM)
 - Future PhD students apply in collaboration with supervisor
- Mandema stipend
 - Medical specialists in training with PhD to develop their own research line
 - Max. 5 stipend yearly (€ 60k or 120k)



Information to all UMCG researchers

- **Funding Opps @UMCG** Monthly newsletter
 - National calls
 - International calls
 - Consortia
 - Personal grants
 - Topics on research policy
 - Support option
 - Training



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Questions to the funding officers?



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Link to RUG/UMCG Funding Officers:
[faculty-funding-officers](#)