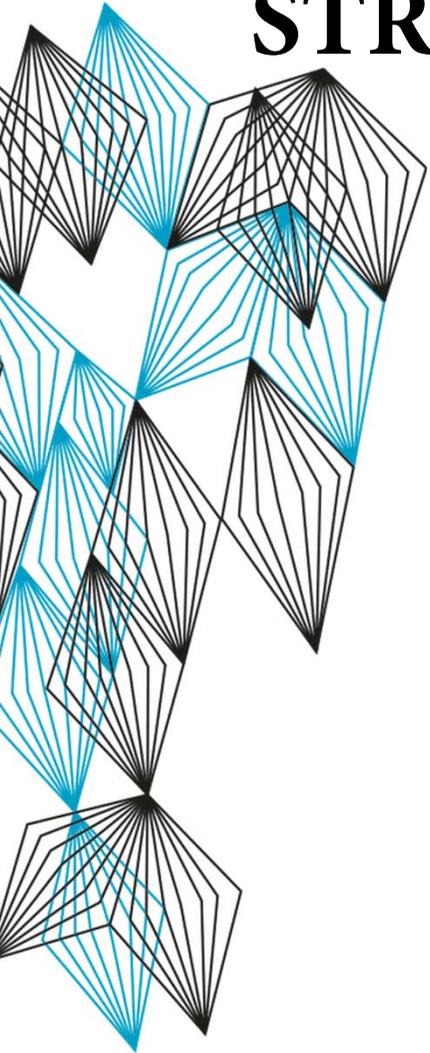# UNIVERSITY OF TWENTE.

SOME THOUGHTS ON FUNDING

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4TU RESILIENCE ENGINEERING. DeSIRE MEETING

STRUCTURE

1. **Funding schemes**

   a) Top Down vs Bottom Up

   b) Personal vs Collaborative

   c) NL vs EU

2. **How to apply**

   a) Finding the right grant scheme for you

   b) How an application works

3. **The Helpers: Grant Offices**

   a) How GOs help

4. **Selected calls**

5. **Questions**

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1a) Top Down vs Bottom Up

Top Down: schemes for which (stricter or broader) topics are defined
Examples: Collaborative H2020 calls

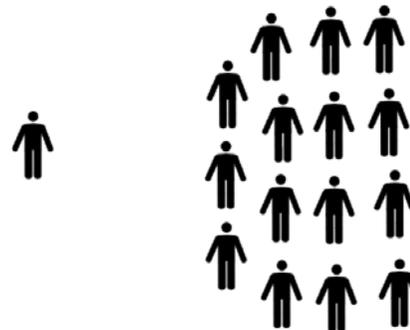**Bottom Up**: schemes for which a wide variety of topics can be chosen
Examples: NWO Personal grants (NWO Talent Programme)

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1b) Personal vs Collaborative

Personal: grant that is focused on you as a PI, where all activities need to be carried by you or a small team that you lead
       Examples: ERC, MSCA IF, NWO Talent Programme

Collaborative: a minimum consortium of institutions fulfilling certain conditions (e.g. from different countries, from different domains) is needed
       Examples: Collaborative H2020 calls, NWO NWA-ORC

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1c) Funding schemes: NL vs EU

NL: • wide variety of options for personal grants
   • generally as competitive as EU grants
   • some applications are more straightforward than EU grant applications

EU: • wide variety of options for collaborative grants at different TRL levels
   • most of them are highly competitive
   • the application procedure is generally quite complex
   • in a process of change from H2020 to Horizon Europe

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2a) Finding the right grant scheme for you

Look directly on website of poplar funding agencies:

- EC Funding and Tenders Portal
- NWO

Use search portals:

- Mendeley
- Research Professional

Check with your university's Grant Office
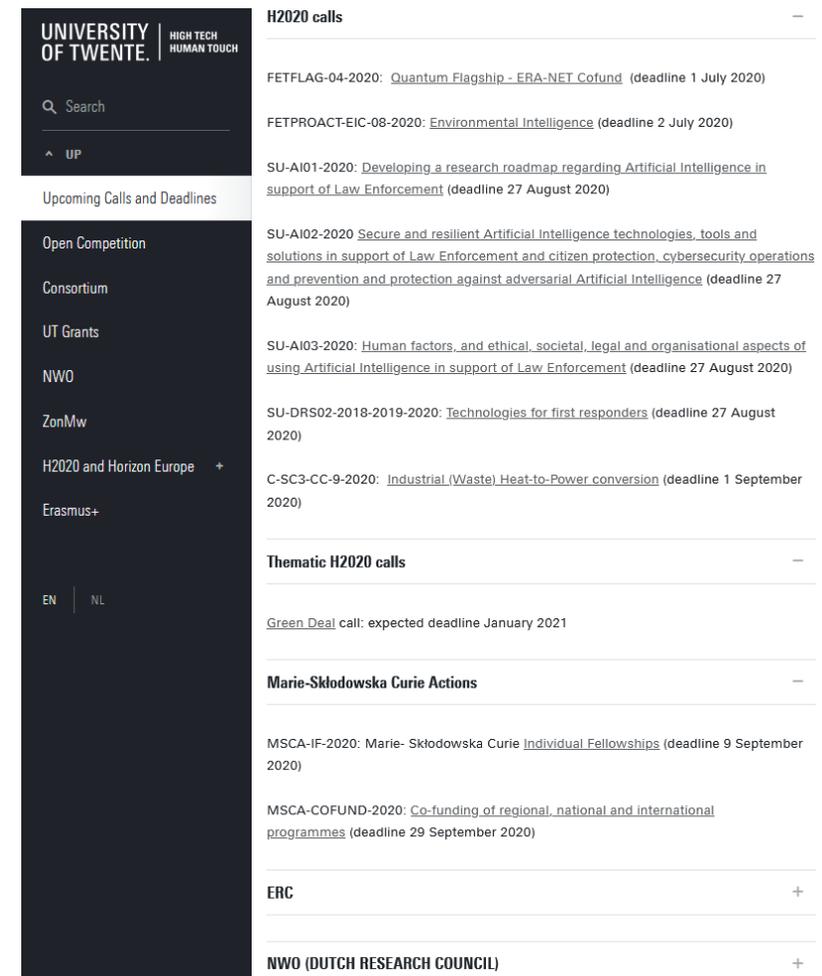
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Check with your university's Grant Office

2a) Finding the right grant scheme for you

Should fit both your research topic AND your research profile

Some criteria to look out for:
- Purpose of grant (e.g. research, career advancement, travel)
- Level of experience required (e.g. time after PhD, previous funding)
- Extent of grant (i.e. how much money, what money can be used for, duration)
- Technology Readiness Level (TRL) (i.e. maturity of technology)
- Particular grant conditions
  - Include a certain minimum number of research partners
  - Have research partners in particular country(ies) or from particular sector(s)
  - Secure part of the funding from other sources (co-financing)
  - Relocate to a different country
  - Be of a certain nationality(ies) or gender

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2b) How an application works

You DO NOT just download the form, write some stuff in a couple of days and submit!

Long process: at least several months

Painful writing: with many drafts and edits

Success rates are low*: NWO VIDI (19%), NWO OTP(30%), NWO NWA-ORC (2%), ERC StGr (12.7%), MSCA IF (11-26%)

…but…

Andre Hazes - Bloed, Zweet en Tranen

*no. from 2018; rates vary per year/discipline/topic/domain

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3. The Helpers: Grant Offices

YOU CAN DO IT!

Wageningen University & Research
Grants Office
Mascha Rasenberg
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Eindhoven University of Technology
Research Support Network
Laura Pander
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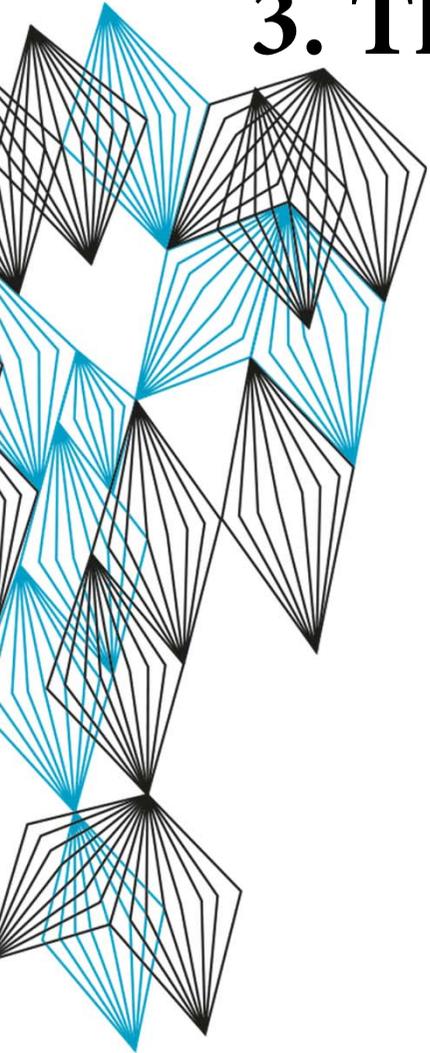
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Catalin Popa: c.n.popa@utwente.nl

Delft University of Technology
Marion Stenneke
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3a) How GOs help

FUNDING ACQUISITION SUPPORT – UT Example

PREPARE	LINK IDEA TO OPPORTUNITY	DEVELOP PROPOSAL	EVALUATE	MANAGE
• strategic advice • info sessions and grants week	• identification of calls • planning for proposal development	• consortium building • proposal development	• Grant Agreement preparation • evaluation report analysis and follow up	• Project Management

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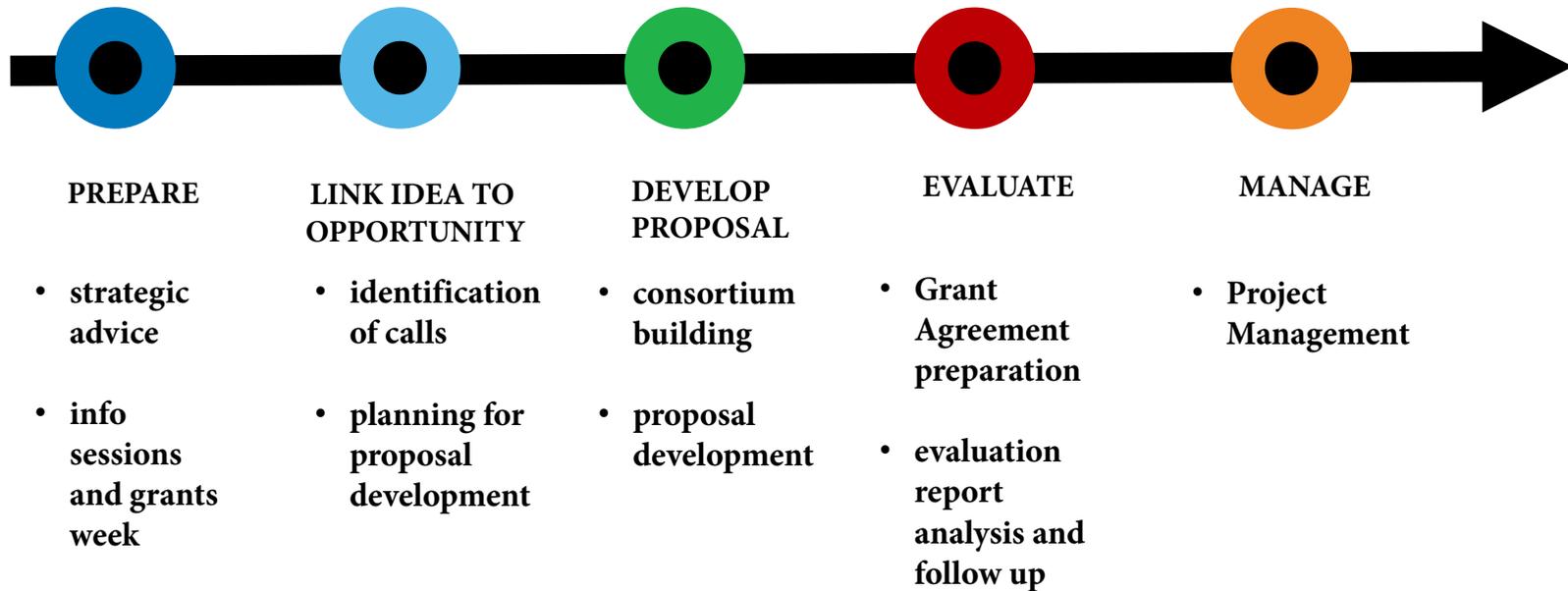
4. Selected calls

Personal
- NWO Talent Programme
  - ➤ VENI
  - ➤ VIDI
  - ➤ VICI
- ERC Grants
  - ➤ Starting Grant
  - ➤ Consolidator Grant
  - ➤ Advanced Grant
- Marie Skłodowska-Curie Actions Individual Fellowship
- NWO Open Competition Domain Science-KLEIN
- eTEC

Collaborative
- NWO OTP
- NWO NWA-ORC
- H2020 Calls

Small grants (max 200.000 €)
- NWO NWA-IDG
- NWO Open Mind
- NWO Open Competition Domain Science–XS
- NWO NWA Science Communication
- NWO Incentive Funds for Women in STEM
- NWO KIEM 2020
- NWO Scientific Meetings and Consultations Domain Science
- NWO Rubicon

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4. Selected calls. Resilience specific

Collaborative
- NWO NWA-ORC
  - ➢ Route: Quality of the living environment
  - ➢ Route: Towards resilient societies
  - ➢ Route: Smart, liveable cities
- H2020 Calls
  - ➢ Human factors, and social, societal, and organisational aspects for disaster-resilient societies
  - ➢ Technologies of first responders
  - ➢ Human factors, and social, societal, and organisational aspects for disaster-resilient societies
  - ➢ Cybersecurity in the Electrical Power and Energy System (EPES): an armour against cyber and privacy attacks and data breaches
- Swiss energy research for the energy transition call

Please note that not all grant calls are currently open and that some of you may not be eligible for all.

Refer to your Grants Office for further details and grant opportunities.

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4. QUESTIONS

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