Dutch Organisation for Scientific Research
Researcher and department/institute evaluation

Nederlandse Organisatie voor Wetenschappelijk Onderzoek
About NWO

- National research council in the Netherlands
- Enables scientific research to excel
- Allocates research funding
- Facilitates knowledge transfer
- Funds more than 5,000 scientific researchers
- Facilitates/coordinates (international) cooperation in research and with industry
- Competition and selection by national and international peer review
Science Domain

The NWO Science Domain covers the following disciplines:

- Earth sciences
- Life sciences
- Astronomy
- Mathematics
- Computer science
- Chemistry
- Physics
# Talent schemes NWO

<table>
<thead>
<tr>
<th>Scheme</th>
<th>Eligibility</th>
<th>Grants</th>
<th>Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spinoza</td>
<td>By nomination only</td>
<td>4 prizes per year</td>
<td>€ 2,5 M</td>
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<tr>
<td>Vici</td>
<td>8-15y post PhD, 30 grants</td>
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<td>€ 1,5 M, (5y)</td>
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<td>Vidi</td>
<td>3-8y post PhD, 80 grants</td>
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<td>€ 800 K, (5y)</td>
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<td>Veni</td>
<td>0-3y post PhD, 150 grants</td>
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<td>€ 250 K, (3y)</td>
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<td>Rubicon</td>
<td>max. 1y post PhD</td>
<td></td>
<td>€ variable, (max 2y)</td>
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</table>
Who can apply?

**ENW-KLEIN**
- full, associate and/or assistant professors
- tenure trackers (guarantee letter)
- universities, UMC’s, KNAW-institutes
  NWO-institutes, NKI, Naturalis, ARCNL, PMC, KNMI, IHE Delft
- employment ≥ runtime project
- KLEIN-1 / KLEIN-0: 1 main applicant
- KLEIN-2: 1 main- and 1 co-applicant (complementary expertise)
- 1 proposal every 12 months
- preferential treatment KLEIN-1

**ENW-GROOT**
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- tenure trackers (guarantee letter)
- universities, UMC’s, KNAW-institutes
  NWO-institutes, NKI, Naturalis, ARCNL, PMC, KNMI, IHE Delft
- employment ≥ runtime project
- applicants can be involved in maximally 2 proposals each round (as main-and/or co-applicant)
Assessment criteria

ENW-KLEIN

1: Scientific quality (what)
   - clarity of proposal/objectives
   - innovative/groundbreaking elements
   - scientific approach
   - effectiveness methodology
   - appropriate expertise (who)
   - KLEIN-2: added value of collaboration

2: Scientific and/or societal impact (why)
   - importance for own discipline
   - knowledge utilisation (science/society)

ENW-GROOT

1: Scientific quality (what)
   - clarity of proposal/objectives
   - innovative/groundbreaking elements
   - scientific approach
   - effectiveness methodology

2: Scientific and/or societal impact (why)
   - importance for own discipline
   - strengthening (inter)national position
   - knowledge utilisation (science/society)

3: Quality consortium (who)
   - critical mass
   - quality and scientific achievements
   - collaboration = added value
Assessment procedure

**ENW-KLEIN**

- **Referees en rebuttal**
  - min. 2 reports, aim for 3

- **Clustercommittees**
  - indicate in proposal which research areas fit (max. 5)
  - committees based on research areas
  - ± 60 applications equally distributed across different clustercommittees
  - 1 application with 1 cluster committee
  - KLEIN-1, KLEIN-2, and KLEIN-0 together
  - 50% selected for next step

- **Domain-wide assessment committee**
  - representatives of cluster committees and optionally additional members
  - one ranking for entire domain

**ENW-GROOT**

- **Step 1: pre-proposals**
  - based on supplied research areas, applications distributed across ≥ 1 advisory committee(s)
  - optional interview (all or none)
  - advices from advisory committees
  - rebuttal on advices
  - domain-wide assessment committee ranks all pre-proposals based on proposal, advice and rebuttal
  - 2x available budget proceeds to step 2
  - decision by board (not an advice)

- **Step 2: full proposals**
  - referees (min. 3, aim for 4) and rebuttal
  - interview by same domain-wide assessment committee
  - one ranking for entire domain
KNAW, NWO and VSNU
Standard Evaluation Protocol 2015-2021 for research units

- KNAW – Dutch Royal Academy of Sciences
- VSNU - The Association of Universities in the Netherlands
- Basic principles (from 1.2 p5)
  1. The quality assurance system serves to guarantee, reveal and confirm the quality and relevance of academic research.
     Assessment of scientific, societal and strategic aspects of the research.
  2. Every unit within an institution is assessed once every six years. The boards decide,
     - the aggregate level at which assessments are to be carried out,
     - whether or not mid-term assessments are needed,
     - the requirements for the output indicators to be delivered.
  3. The research unit’s own strategy and targets are guiding principles when designing the assessment process, including
     - the composition of the assessment committee and
     - specifying the Terms of Reference and the substance of the self-assessment.

Standard Evaluation Protocol 2015-2021 for research units

No individual researcher assessment. Example institute headings to be filled in by research group. Highlights are selected by the groups themselves.

- Group name and research description
- Overall highlights
- **Publications** highlights (2)
- **Invited lectures and talks** highlights
- **Peer recognition and service** highlights
- **Software** highlights
- **Use of research results** highlights
- **Public lectures, media appearances and outreach** highlights
- **Grants** highlights
- **Prizes** highlights