Strategic Plan

2018-2022

- ISiS employs 25 fte, which total to 45-50 people
- 4-5 Ph.D. theses defended annually
- Annual budget of 1.8 M€
Some highlights (2017)

• Luca Consoli both the Faculty and University education prize
• Serge Horbach Faculty Prize 2017 for best master thesis
• BaSyC (NWO Gravitation) with top researchers from 6 universities
• SafeChassis (NWO) and good Horizon 2020 (EU) success rate
• Appointment professor socio-ecological interactions (N. Aarts) and a managing director (J.J. Zeeberg)
Implement mission and strategy

Vision Statement
Encourage the societal and philosophical reflection on science via dialogue and collaboration with other institutes of the Faculty of Science.

Mission Statement
Analyse, assess and improve the societal embedding of new developments in science and technology, through research, education and outreach, to understand how society is shaping science and vice versa.

Strategic priorities
- Institute building: 1. be present, be visible, 2. quality over quantity
- Educational goals: provide society with societally aware and responsible academics
- Foster interaction with the other institutes of the Faculty of Science
- Focus our research agenda: a society-driven acquisition strategy; emphasizing quality and impact over quantity
Continue ISiS Education

- Responsible for **Faculty-wide Education** (SiS, SMI, reflection, writing skills), Luca Consoli
- Master theses **Science in Society** (health and food / public perception of science / pre-natal diagnostics / citizen science / Responsible Research and Innovation, etc.)
- **Teaching awards** (both FNWI and RU, Luca Consoli)
- Broad range of Bachelor and Master courses philosophy, ethics and history of science
- **Good to very good students evaluation** for most courses offered by ISiS
- **Publications** fostering interaction between research and education
- Involved in Honours Program activities, both disciplinary and interdisciplinary
- Projects for developing innovative educational tools for scientific integrity (H2020: PRINTEGRER and VIRTUE)
Foster collaborations

<table>
<thead>
<tr>
<th>Institutes</th>
<th>Fields</th>
<th>Collaborative projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty of Science</td>
<td>Research Integrity Research Ethics</td>
<td>PRINTEGER, IMPER, RRI Practice FNWI Ethics Committee</td>
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<tr>
<td>IMM</td>
<td>Synthetic biology, Nanomedicine, Smart materials</td>
<td>RNA, BaSyC, Safe Chassis, KIC</td>
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<tr>
<td>IWWR</td>
<td>Water management, exotic species, citizen science, risks and uncertainty</td>
<td>Rivercare, Citizen science, Uncertainty and novel risks, INTERREG Wild</td>
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<tr>
<td>RIMLS</td>
<td>Genomics, Personalised medicine, Mitochondrial DNA</td>
<td>RCMM, WKRU</td>
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<td>ICIS</td>
<td>Big Data</td>
<td>Data2person</td>
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<td>DCN</td>
<td>Neuro-enhancement</td>
<td>NERRI</td>
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</table>
Develop our approach in research & teaching

- Society-driven basic research (Pasteur)
- The triple I Cycle
- Two themes
Focus on two themes

<table>
<thead>
<tr>
<th>Theme 1: Socio-Ecological interactions (Noelle Aarts)</th>
<th>Theme 2: Responsible research - Assessing and embedding techno-science (Hub Zwart)</th>
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<tbody>
<tr>
<td>Reading the landscape (VIDI)</td>
<td>Building a Synthetic Cell (BaSyC, with IMM)</td>
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<td>INTERREG Wild (with IWRWR)</td>
<td>Radboud Nano-Medicine Alliance (RNA, with IMM)</td>
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<td>Understanding animals differently</td>
<td>Research integrity (PRINTEGER)</td>
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<td>River care (with IWRWR)</td>
<td>IMPER (ZonMW)</td>
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<td>Citizen science (with Naturalis)</td>
<td>VIRTUE (SwafS 27 coordinator)</td>
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<td>Smart villages (with 3 Museums)</td>
<td>RRING (SwafS 14 partner)</td>
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RiverCare
Towards self-sustaining multifunctional rivers

NCR
Enabling new technology

STW

PRINTEGER

Responsible Research and Innovation in Practice

Life Sciences, Society and Policy

Tales of Research Misconduct

Radboud Universiteit