

## 4TU.Energy PhD course –“System, Sustainability and Societal aspects in the Energy Transition” 13 and 14 November 2025 | Utrecht Bar Beton

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| <b>Day-1</b> | <b>13-Nov</b>                                                                                                    | <b>Chair of the day: Angele Reinders</b>                                                                                                                          |
| 9:30         | Walk-in Reception                                                                                                |                                                                                                                                                                   |
| 10:00        | Opening   Learning objectives                                                                                    |                                                                                                                                                                   |
| 10:15        | Welcome speech                                                                                                   | David Smeulders - Professor Energy Technology TU/e   Scientific Director 4TU.Energy                                                                               |
| 10:30        | Pitch Your Research (1min/Pitch)                                                                                 |                                                                                                                                                                   |
| 11:30        | Keynote<br>Stedin   TU/e                                                                                         | Anne van der Molen<br>(Strategic Advisor Stedin   Researcher TU/e   vice chairman E.DSO)                                                                          |
| 12:30        | Lunch and Social moment                                                                                          |                                                                                                                                                                   |
| 13:30        | Presentation<br>TU/e                                                                                             | Angele Reinders - Design of Sustainable Energy Systems<br>(Professor Energy Technology, TU/e)                                                                     |
|              | Main session - 1                                                                                                 |                                                                                                                                                                   |
| 14:00        | Pilar Ruiz Ramiro (Assoc. Professor UTwente) - Sustainable Process Technology                                    |                                                                                                                                                                   |
| 15:00        | Fokko Mulder (Professor TUDelft) - Energy storage and conversion materials in a future energy system and methods |                                                                                                                                                                   |
| 16:00        | Break                                                                                                            |                                                                                                                                                                   |
| 16:30        | Presentation<br>Populytics   TUDelft                                                                             | Niek Mouter - Participatory Value in the Dutch Energy Transition<br>(Assoc.Professor Technology, Policy and Management, TUDelft   Scientific Director Populytics) |
| 17:00        | Closing Day-1                                                                                                    |                                                                                                                                                                   |
| 17:15        | Optional Dinner                                                                                                  | Based on self-payment                                                                                                                                             |

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| <b>Day-2</b> | <b>14-Nov</b>                                                                                                                                                                                                       | <b>Chair of the day: Oscar Kraan</b>                                                                                   |
| 9:30         | Walk-in Reception                                                                                                                                                                                                   |                                                                                                                        |
| 9:55         | Opening   Learning objectives                                                                                                                                                                                       |                                                                                                                        |
| 10:00        | Presentation<br>Clingendael                                                                                                                                                                                         | Louise van Schaik - International Affairs/ Sustainability<br>(Head of Unit EU & Global Affairs, Clingendael Institute) |
|              | Main session -2                                                                                                                                                                                                     | Societal aspects of energy transition and people's opinions                                                            |
| 10:30        | Eveline van Leeuwen (Scientific Director AMS insititute & Professor WUR) - Urban/Circular Economics<br>Bas van Vliet (Assoc. Professor WUR, Lecturer / PI at AMS Institute) - Energy Infrastructures and Management |                                                                                                                        |
| 12:30        | Lunch and Social moment                                                                                                                                                                                             |                                                                                                                        |
| 13:30        | Presentation<br>Deloitte                                                                                                                                                                                            | Oscar Kraan - Future Energy Business<br>(Future of Energy Leader, Senior Manager Strategy, Deloitte)                   |
|              | Main session -3                                                                                                                                                                                                     |                                                                                                                        |
| 14:00        | Mark van der Meijde (Professor UTwente) - Geothermal for all – exploring non-conventional geothermal options                                                                                                        |                                                                                                                        |
| 15:00        | Francesco Lombardi (Assis. Professor TUDelft) - Designing socially viable and technically resilient energy systems across scales                                                                                    |                                                                                                                        |
| 16:00        | Borrel<br>with reflection/connection<br>incl. best pitch reward, certificate                                                                                                                                        |                                                                                                                        |
| 17:00        | Closing Day-2                                                                                                                                                                                                       |                                                                                                                        |

### Program Committee:

Mina Shahi | Pedro P. Vergara | Maja Rücker | Akbar Asadi Tashvigh | Amir Mahmoudi

### Scientific Director:

David Smeulders

### Coordinator:

Sha Lou



Scan me for registration

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