

THTH Spring webinar 2022

18.5.2022 via Teams

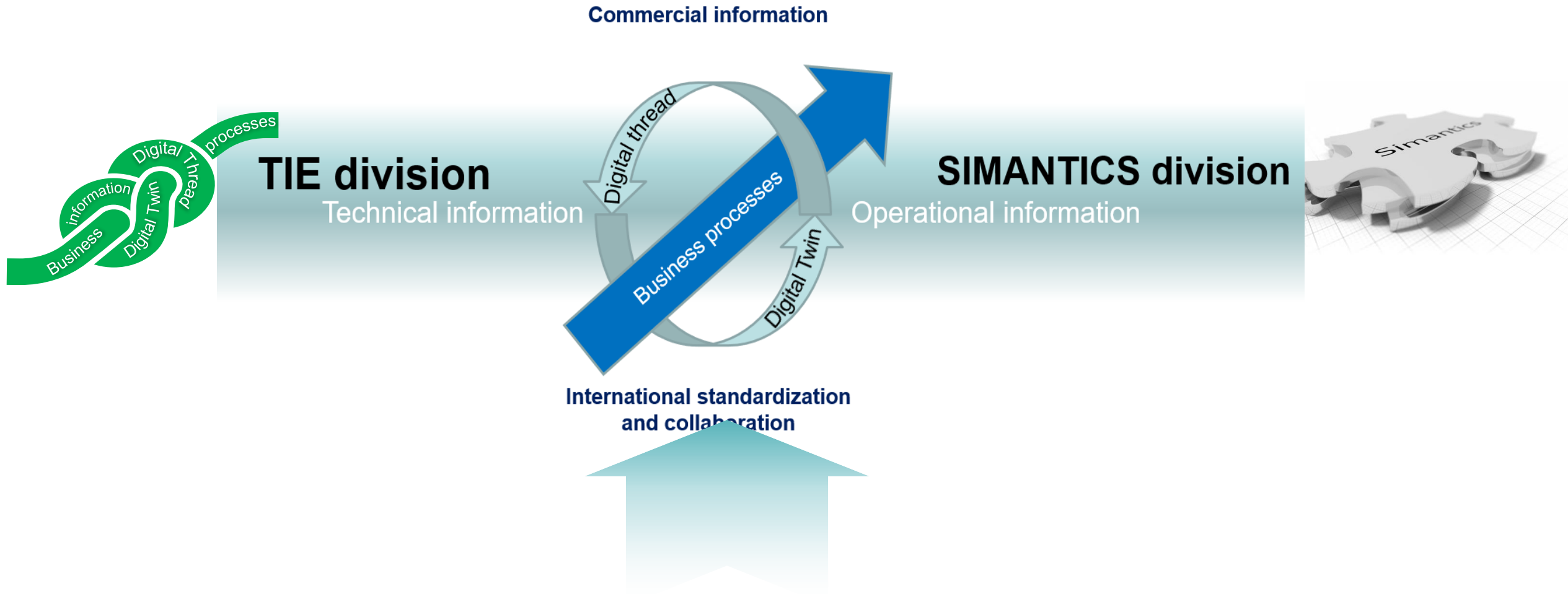
Some instructions

- The webinar will be recorded
- The presentation materials and the recording will be shared after webinar
- Please, preferably use the Teams chat button to ask questions
- Please, keep you microphone muted and unmute it only when you want ask or answer a question
- [Spring Webinar 18.5.2022 | THTH \(ththry.org\)](https://ththry.org)

Agenda

- 13:00 Opening – Leena Hannonen, THTH Chair of the Board, Sweco Oy
- 13:05 Agenda, THTH status review, Arto Marttinen/THTH
- 13:20 Arrowhead/PVN - Stora Enso pilot plans in Sweden and Finland, Johnny Sundström/Stora Enso Sweden
- 13:50 OIIE purchasing use-case overview, Alan Johnston, MIMOSA and Karamjit Kaur, University of South Australia
- 14:20 Break
- 14:30 Partner ecosystems and strategy as enabler to API development, Marjukka Niinioja, Osaango Oy
- 15:00 OPC UA Pub/Sub – What is it and what it is used for?, Jouni Aro, Prosys OPC Oy
- 15:30 Probabilistic Risk and Performance Assessment, Jussi-Pekka Penttinen, Afry Oy
- 16:00 Improving Plant Information Management: CFIHOS and Beyond, Nolan Denton and Adrian Park, Hexagon
- 16:30 Closing

THTH review



THTH briefly

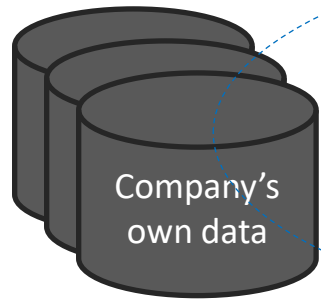
- Non-profit industry association in Finland
- Currently about 35 member companies ([see members and partners](#))
- Process industry supply-chain collaboration forum to promote digitalisation and digital-twin
- [Simantics division](#)
 - develop and maintain open-source code applications for modeling and simulation and for environmental lifecycle assessment and footprint calculations via its
 - SIMANTICS, Eclipse Public License EPL
 - SULCA Sustainability tool for Ecodesign, Footprints & LCA
 - Simantics System Dynamics tools ([Sysdyn](#))
- [TIE division](#)
 - Promote and develop digitalization in projects and O&M based on existing standards
 - Based on the preceding TIE-project (11/2019 – 2/2022)
 - National and international standardization networks and collaboration (key partners SEIIA/Sweden, PCA/Norway, DEXPI/Germany, USPI/Netherlands, MIMOSA/USA, CFIHOS/IOGP and on national level PSK, METSTA, SESKO)
 - EU KDT funded Arrowhead PVN project under preparation – planned start at the end 2022



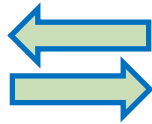
Future THTH TIE scope in EU KDT

Arrowhead PVN project plan Q4/2022 – Q4/20255 for 54 organizations, 5 industry segments, 12 countries

Enterprise scope



Direct back-end systems integrations



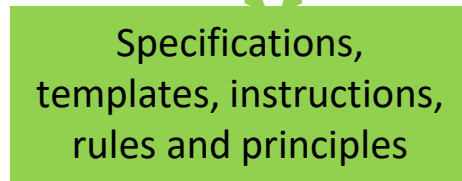
External network interface

Open Internet

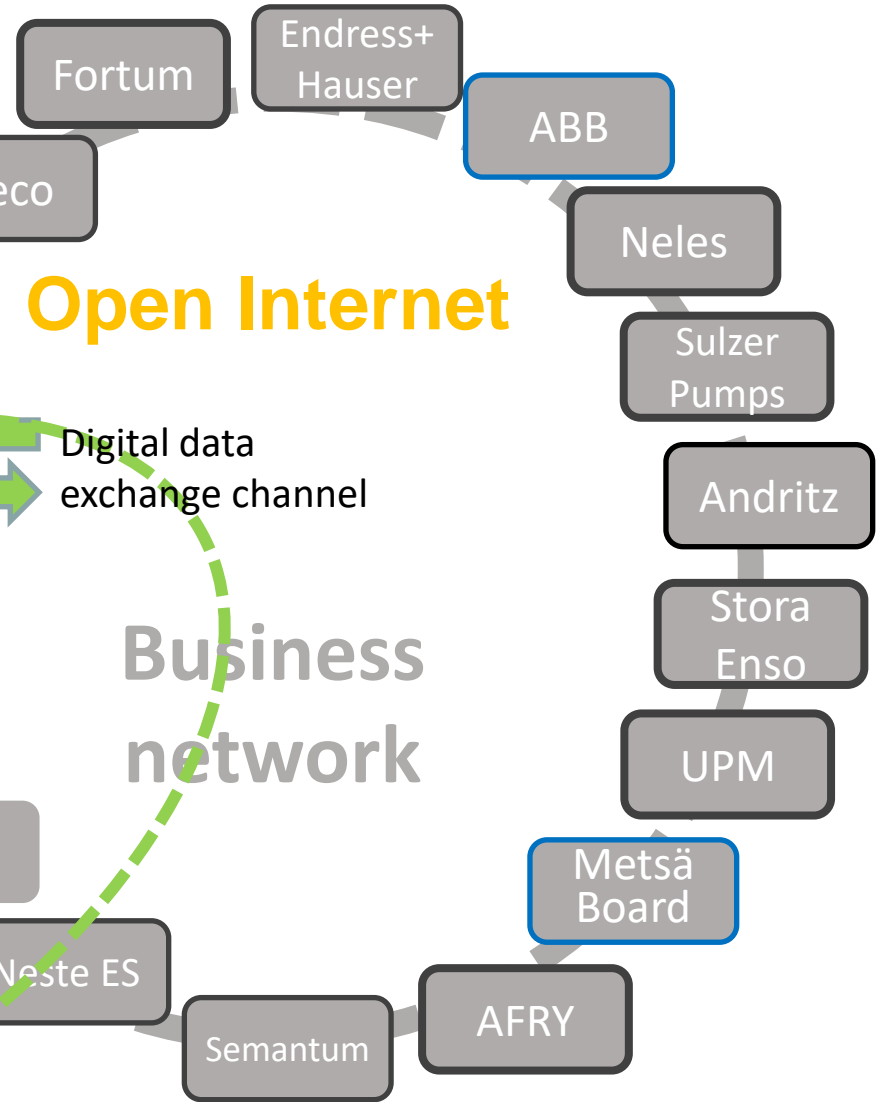
Digital data exchange channel

Business network

TIE scope in collaboration with partners



International standardization



THTH

THANKS