



Teollisuuden hajautetun tiedonhallinnan yhdistys THTH ry
THTH Association of Decentralized Information Management for Industry

THTH Association Autumn Seminar 2019

THTH ry:n syysseminaari 2019

29.10.2019, Sweco Oy, Tori
Imalanportti 2, Helsinki

Agenda

- 13:00 Opening (Weckström, Andritz) and agenda presentation, Marttinen, THTH
- 13:10 TIE project target and collaboration network, Marttinen, THTH
- 13:20 Legal agreements for digital data sharing, Jussi Mäkinen Technology Industries of Finland
- 13:40 SEIIA and LCDM2 development, Erik Molin, SEIIA, Sweden
- 14:10 Break
- 14:30 SEED – Innovation marketplace for forest industry digitalization, Eemeli Hytönen, VTT
- 14:50 ISO 18101 and the OIIE, The Path to Interoperability and Industrial Digital Transformation, Alan Johnston, MIMOSA, USA
- 15:20 Industrial AI – open discussion with brief introductory presentations by Joonas Linnosmaa, AI operator: Accelerating the Pilot to Full scale process development; Mikko Tahkola, AI-SURSPEED - AI for faster process simulation; Nikolaos Papakonstatinou, Fast track and focused industrial AI research; followed by open discussion.
- 16:20 Closing of the seminar
- 16:30 THTH Annual autumn meeting – sääntömääräinen syyskokous

THTH briefly

- THTH is a nonprofit association supporting the development of distributed plant information management during the whole life cycle of an industrial asset from projects to operation and maintenance, openness of standardization and open-source applications for industry
- THTH develop and participate technical information exchange
 - Prindex, Sefram, Sefram platform, ORCHID
 - DSC Core (ecosystem development)
 - Engineering Rulez
 - New TIE project → **TIE division**
- National and international standardization networks and collaboration
 - Agreements with USPI, **SEIIA**, **MIMOSA**, **DEXPI**, **Finnish Society of Automation**, ...
 - Collaboration for TIE project together with PSK, Teknologiateollisuus, SEIIA/SSG, CFIHOS,...
- **THTH SIMANTICS division** develop and maintain important open source applications for industry
 - SIMANTICS, Simulation Eclipse Public License EPL
 - SULCA, Sustainability tool for Ecodesign, Footprints & LCA



Current THTH members

Aalto University

Andritz Oy

ATOR-Consultants Oy

Autodesk GmbH

Aveva AB

BlueCielo ECM Solutions Oy

Cadmatic Oy

DBE Core Oy

Fennovoima Oy

Fortum Power and Heat Oy

General Electrics (Switzerland) Ltd

HAMK

Intergraph Finland Oy

Kymdata Oy

LUT University

Meyer Turku Oy

Masinotek Oy

ProAgria Keskusten Liitto ry

Neste Engineering Solutions Oy

PSK Standardisointi ry

Pöyry Finland Oy

Semantum Oy

Sumitomo SHI FW Energia Oy

Siemens Turbomachinery Ab

Stora Enso Oyj

Sweco Industry Oy

Tampere University

Valmet Automation Oy

Vertex Systems Oy

VTT

Yokogawa Electric Corporation

New members for TIE division

ABB Oy

Efora Oy

Metso Flow Control Oy

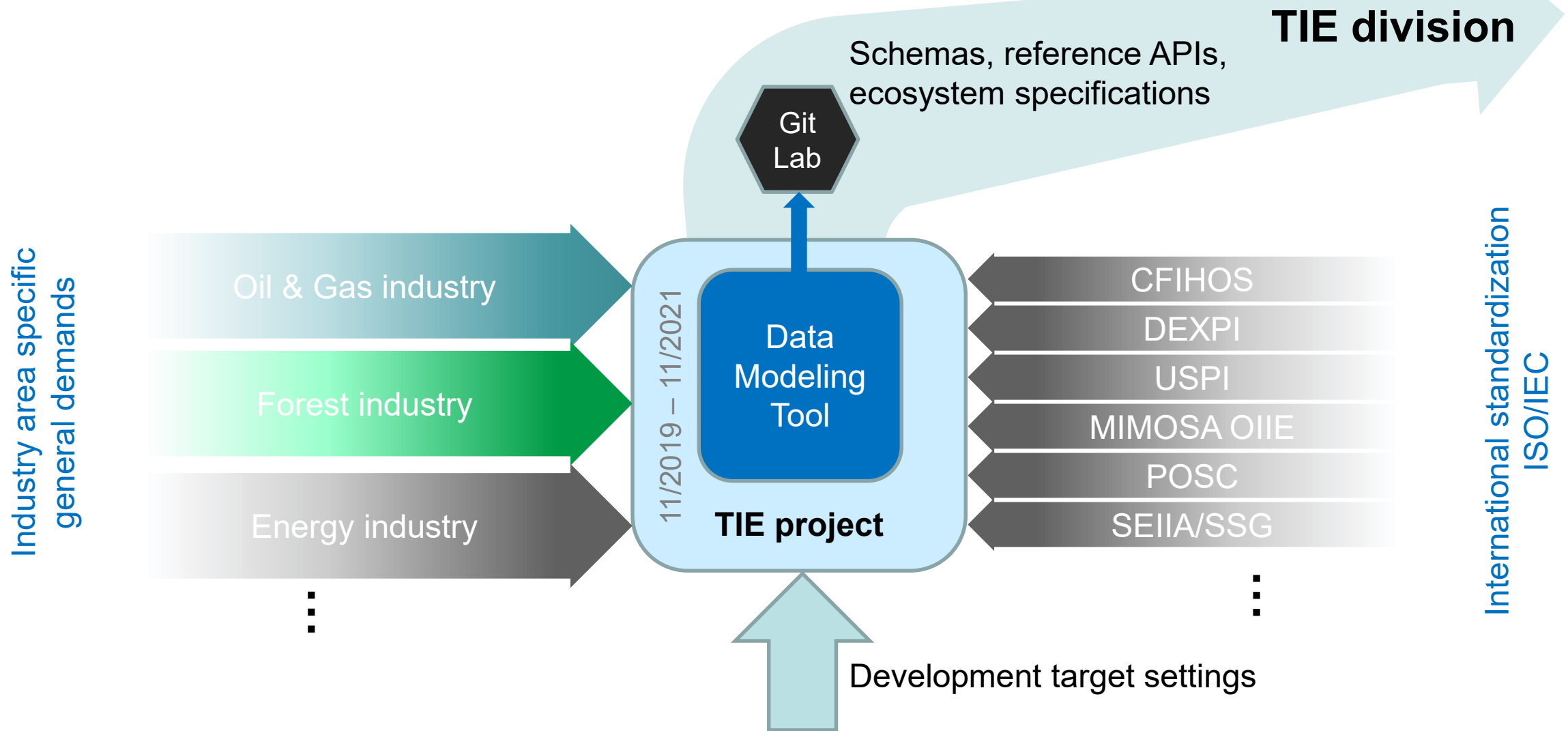
Metsä Board Oyj

Sulzer Pumps Finland Oy

UPM Kymmene Oy

Finnish Society of Automation

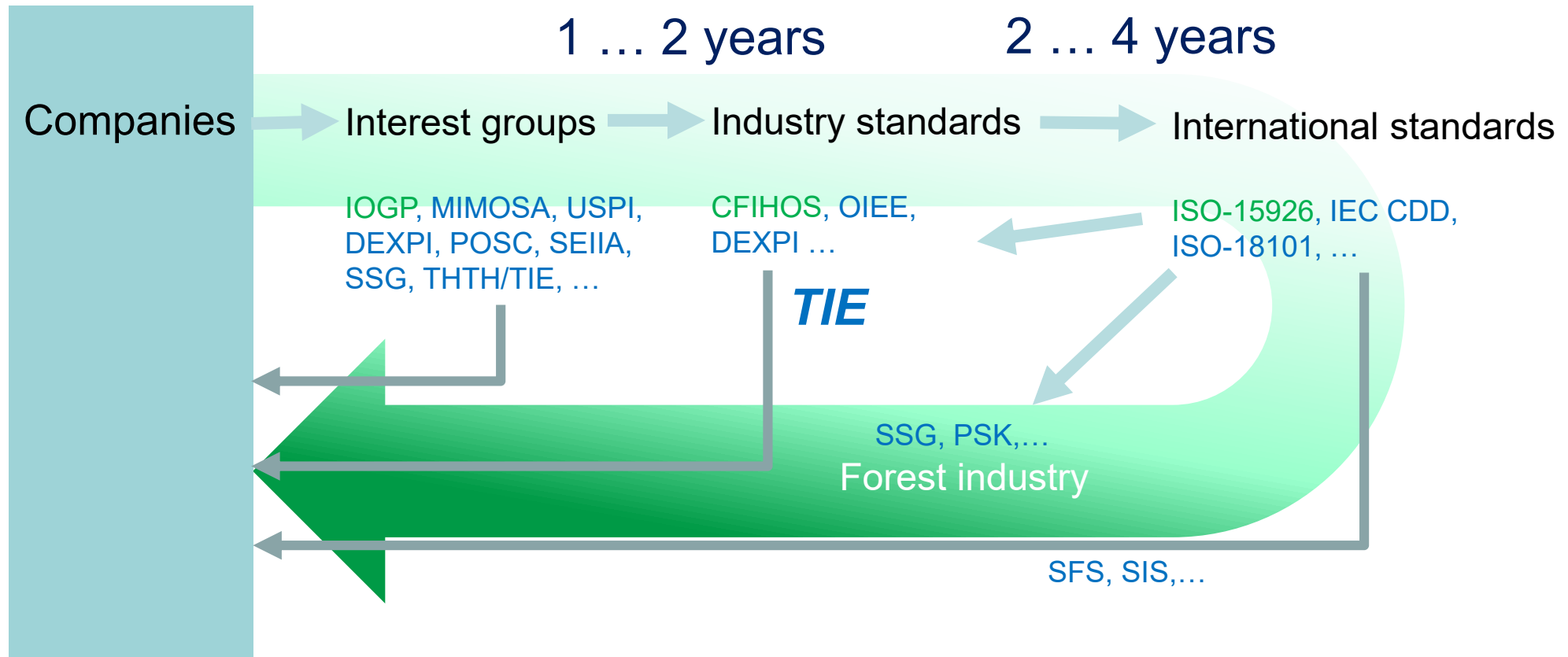
TIE is creating digital infrastructure



Participating companies and other stakeholders

Standardization cycles

From an idea of a new standard to the operative use



THTH

THANKS