

# Interactive Training Course

**dynamita**  
PROCESS MODELING

Sumo training in Asia & Australia!

October 21, 22, 26, 28

This four online session course will give a good overview of the new Sumo21<sup>©</sup> process simulator

- Pricing for the course: 800 USD per person
- Each session will take 4 hours, from
  - ↳ 1 pm to 5 PM in China, Western Australia
  - ↳ 2 pm to 6 PM in Japan
  - ↳ 7 am to 11 am in Europe

register at: <[Registration link](#)>

## Includes:

- ↳ A one-month Sumo21 license
- ↳ A one-month Digital Twin license

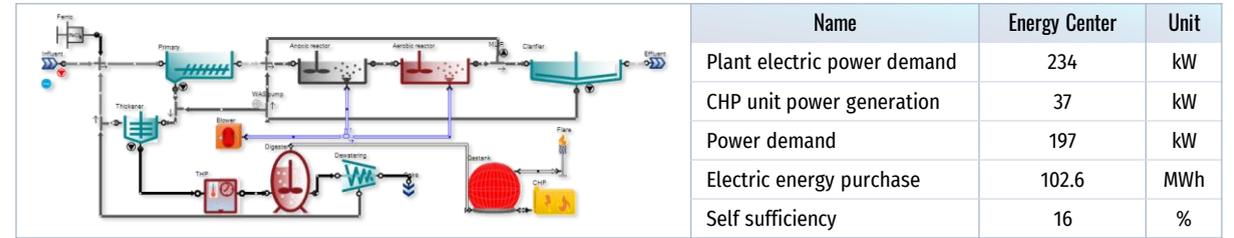


## Contact

- web: [www.dynamita.com](http://www.dynamita.com)
- for more information: [info@dynamita.com](mailto:info@dynamita.com)

## Modeling in Practice

fundamentals and design applications



## Who will benefit?

New and existing users: modelers, process engineers, students, academics...

### → Software familiarization

- ↳ What's in and what's new in Sumo21 – a complete review
- ↳ Learn how to use basic and advanced features and build process configurations
- ↳ Dynamic simulation set-up, data plotting, scenario analysis

### → Full plant model calibration

- ↳ Wastewater characterization - Municipal and industrial, sludge feed
- ↳ Activated sludge and biofilm (including aerobic granular and MABR) systems
- ↳ BOD-removal/Nite-denite/Enhanced Biological Phosphorus removal
- ↳ Sludge line – anaerobic digestion, sidestream treatment
- ↳ Aerobic facultative lagoons (predict sludge buildup and dredging)
- ↳ Improved aeration design, alpha prediction, blower curves
- ↳ Controllers: standard PIDs, and more advanced control: ABAC, AvN and NRCY control

### → Overview of advanced features

- ↳ Digital Twin, Energy and cost modelling, Operator Tool and others