# LF Energy SEAPATH

# Technical Steering  Committee

September 18th 2025

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# Agenda

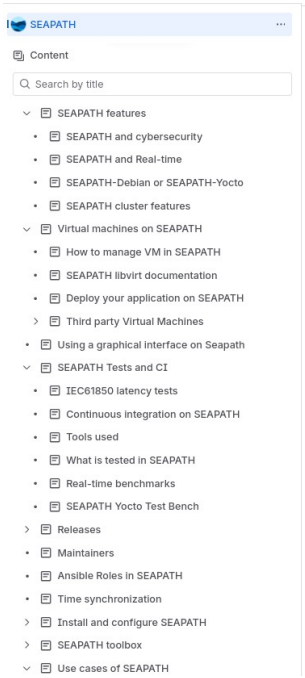
- LF Energy Summit Europe
- Update on roadmap
- LF Energy Summit North America

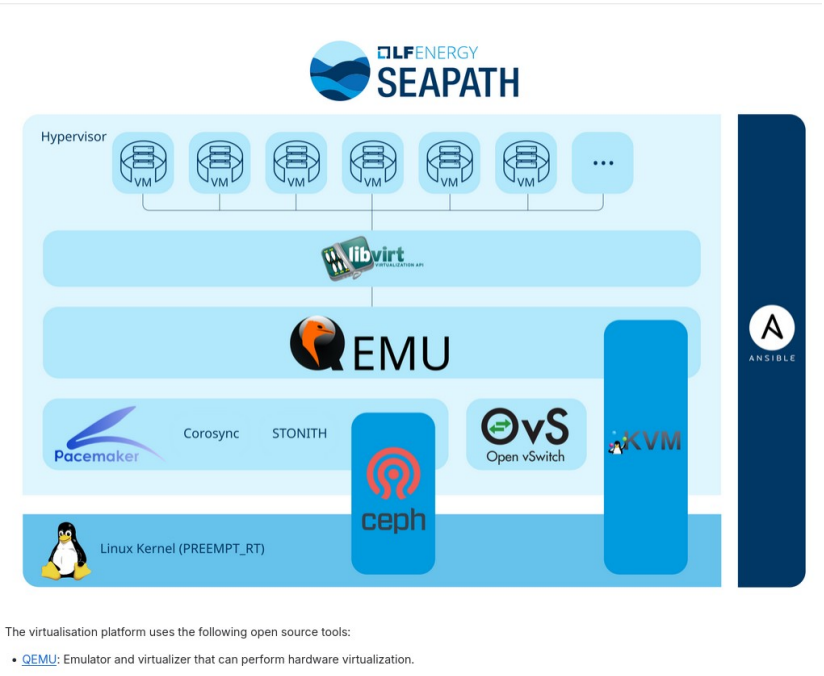
# LF Energy summit Europe

- SEAPATH Meetup / Workshop: September 9 – 2.00 pm CEST - Aachen, Germany
- LF Energy summit Europe: September 10-11 - Aachen, Germany
- **7 talks** mentioning SEAPATH !
  - SEAPATH: What's New - Recent Improvements and Future Developments | *Eloi Bail, Savoir-faire Linux*
  - What Do Virtualization and SEAPATH Really Change for RTE ? | *Bastien Desbos, RTE*
  - A Case Study on Testing LFE Seapath at National Grid Electricity Transmission |*Thomas Charton, National Grid Electricity Transmission*
  - Streamlining SEAPATH Deployment and Management in Electrical Substations | *Matias Vara, Red Hat & Erwann Roussy, Savoir-faire Linux*
  - Digital Sovereignty and Grid Resilience: The Strategic Role of LF Energy and Open Source | *Christophe Villemer, Savoir-faire Linux*
  - SBOM & Vulnerabilities in SEAPATH | *Mathieu Dupré, Savoir-faire Linux*
  - End-to-End Substation Digitalisation with QMU 800 & CMPC 800 | Jakob Lindqvist, Ecophi

# SEAPATH Documentation refactoring

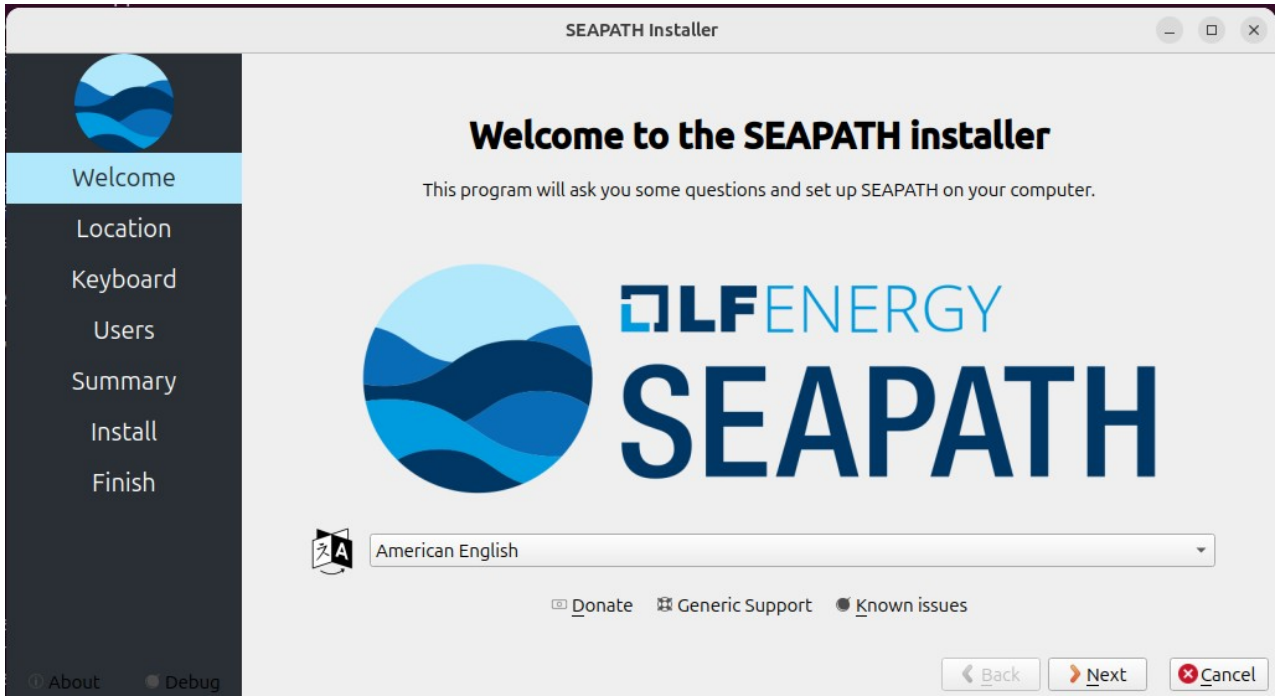
- Necessary work to improve SEAPATH Documentation
  - Re-organize the documentation between GitHub, wiki and Ansible galaxy
  - Re-organize the wiki section
  - Add a step-by-step guide for default SEAPATH installation
  - Add a wiki page for hardware and software provider
  - Update the out-dated pages
- Scheduled for the end of 2025



# SEAPATH Installer

- Users are facing issues to set up a functional SEAPATH environment
- Issues related to image installation are often mentioned
- POC for graphical installer
  - Image selection (Yocto, Debian, standalone, cluster)
  - Disk selection
  - SSH Key selection



# Switch to cephadm

- Two way to install ceph
  - Ceph-ansible (legacy, soon deprecated)
  - Cephadm (recommended by the ceph team)
- No Ansible support for cephadm. Must be done and maintained by the SEAPATH team.
- Cephadm support merged since april 2025
  - Only available on Debian right now
  - Yocto support on the way

- Likely drop of support for ceph-ansible on SEAPATH in the future (will be discussed in TSC)

# New Debian LTS (trixie)

- New Debian 13 LTS released in August 2025
- Necessary changes done on specific branches on
  - SEAPATH ansible repository
  - SEAPATH build_debian_iso repository
- Not official right now. Will be available in a future SEAPATH 2.0 release
  - Likely drop of support for Debian 12 on SEAPATH (will be discussed in TSC)

# LF Energy summit North America

- October 3 2025 Montreal, Quebec
- Schedule not public yet
  - Should have a presentation on SEAPATH

# Thanks !

Questions ?