High-Level User Meeting

30 September 2019, Florence

Summary

Energy Efficiency and Emissions

Part load

Minimum load

Maximum load

Reliability

Bottoming cycles

Decarbonization

H_2

Ammonia

Mixing/blends

Advanced Cycles

Supercritical CO2

Integration with renewables and batteries/thermal storage

Cost Optimisation

CAPEX & OPEX

Overhaul cost

Digitalisation

Condition monitoring

Data management

Optimisation of maintenance intervals

Life predictive modelling

Unmanned plant

Flexibility

Start ; ramp ; min/max load

Transients/Stabilisation

Ancillaries services

Bio fuels

Additive manufacturing

Knowledge and experience transfer

Attracting and training new talent (OEM, SPs and Users)

Operation in harsh environment

Water wash

Filtration

Materials selection

Coatings

Hot corrosion