



Gas Analysis Workshop 2016

Introduction to EERA Bioenergy Task “On-line / off-line gas measurements”

Amsterdam, 10.6.2016

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www.eera-set.eu

Task: On-line / off-line gas measurements

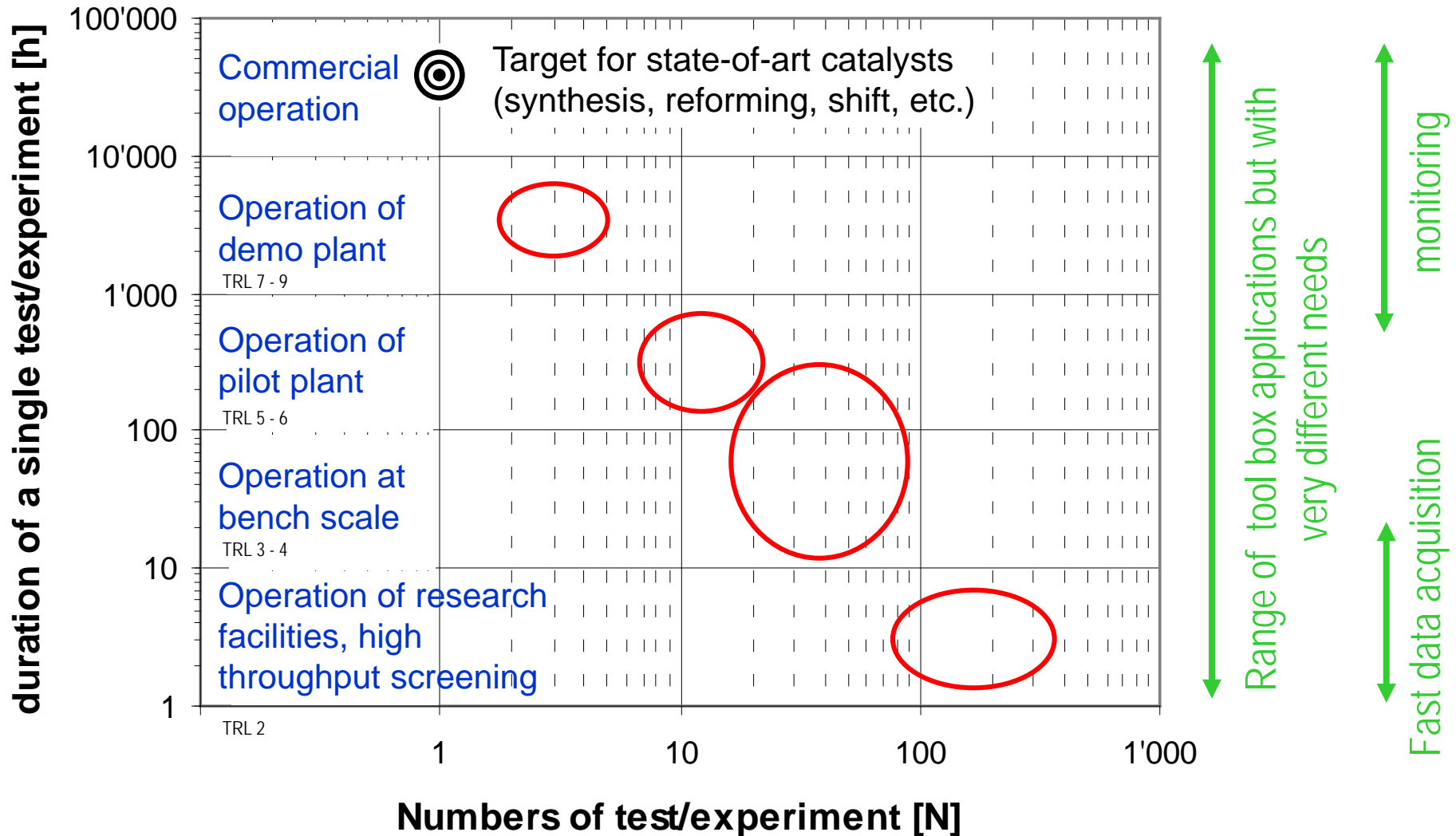
Contaminants of interest:

- particulates
- C-species (tar, soot, hydrocarbons)
- S-species
- N-species
- Cl-species
- alkalis
- metals

EERA RTD organisation actively participate in this task:

PSI, ECN, TUBITAK, KIT, Risø-DTU, CIEMAT, IFK Stuttgart,
University of Seville, VTT, CEA

Application of diagnostic toolboxes



Summary

- There are multiple applications for gas analysis toolboxes:
 - Compounds of interest (C, S, N, Cl, ...)
 - Conversion processes (thermo-chemical & biochemical processes)
 - Maturity of technology/phase of technology implementation:
R&D (TRL 1 – 9), technology deployment, full commercial
 - Alternative biomass feedstock applied in existing installation
- There is a need for bottom-up coordinated research activities in the field of “gas analysis”
- Defining of very specific actions in the field of “gas analysis” is ongoing within Gas Analysis Working group.
- Host site round robin tests stimulated a good exchange of various experts for a variety of topics.

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