



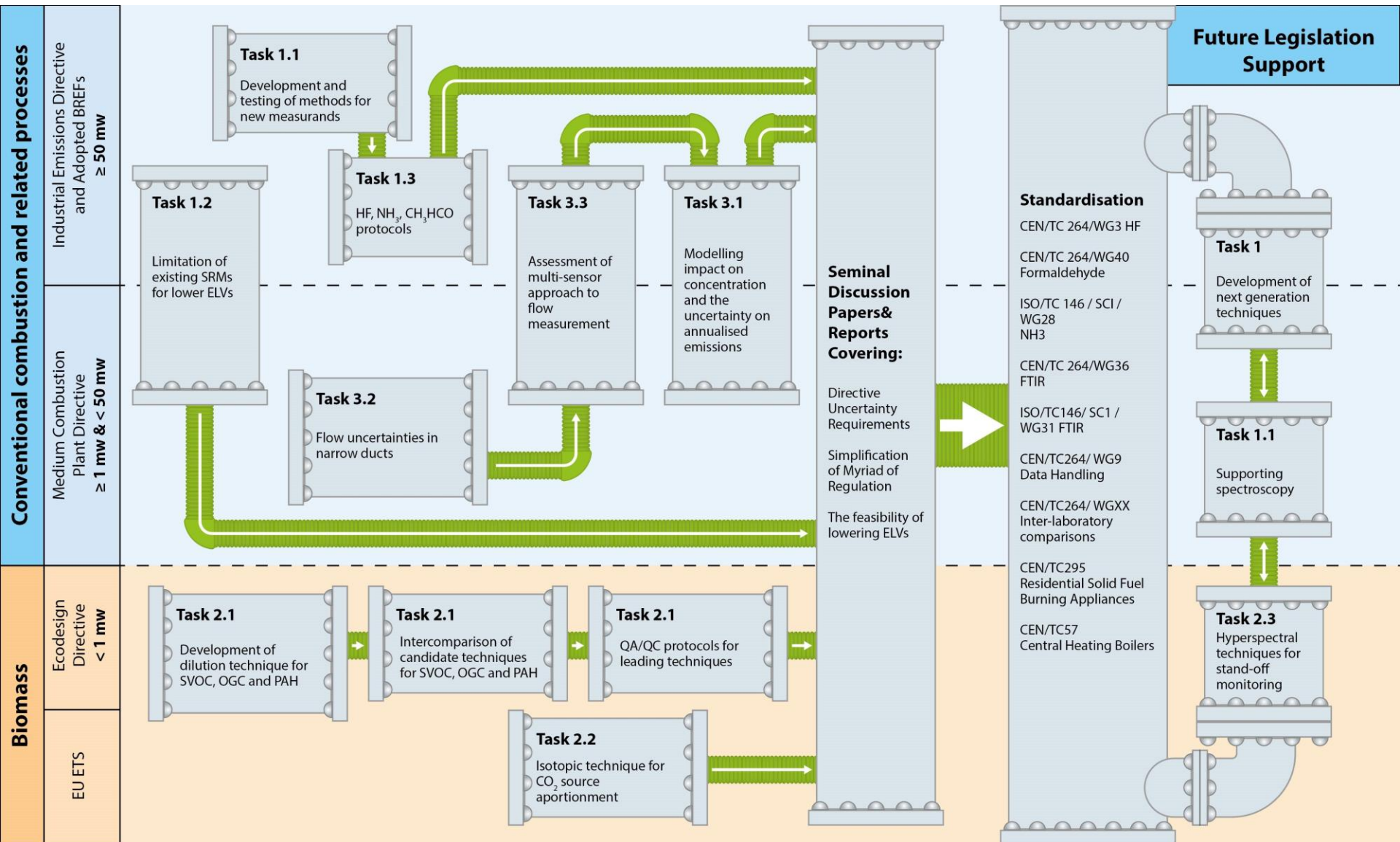
IMPRESS 2: Introduction to WP1

Enforcement of IED and MCP ELVs and Next Generation Techniques

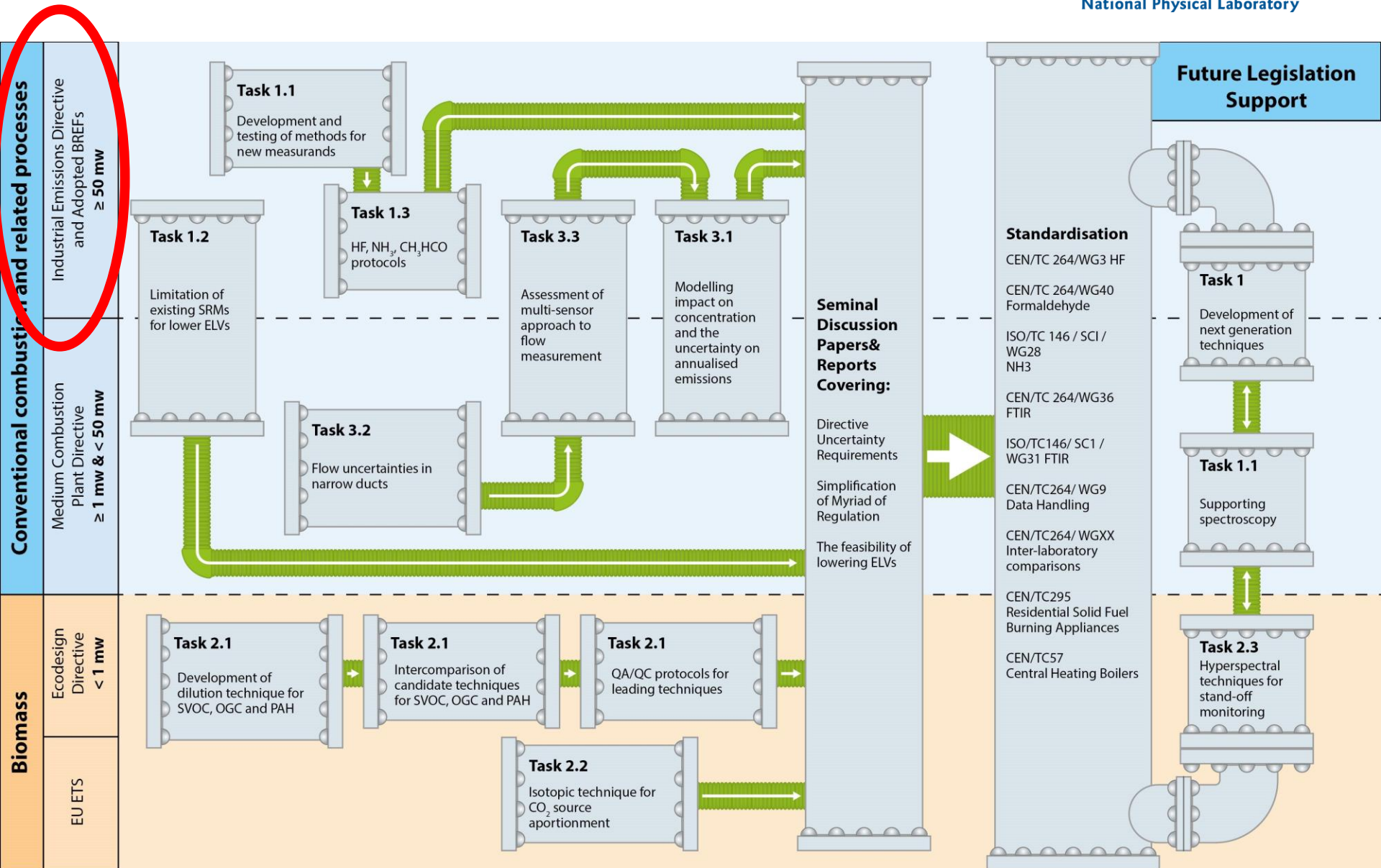
Marc Coleman

Stakeholder Workshop, 11th January 2021, virtual

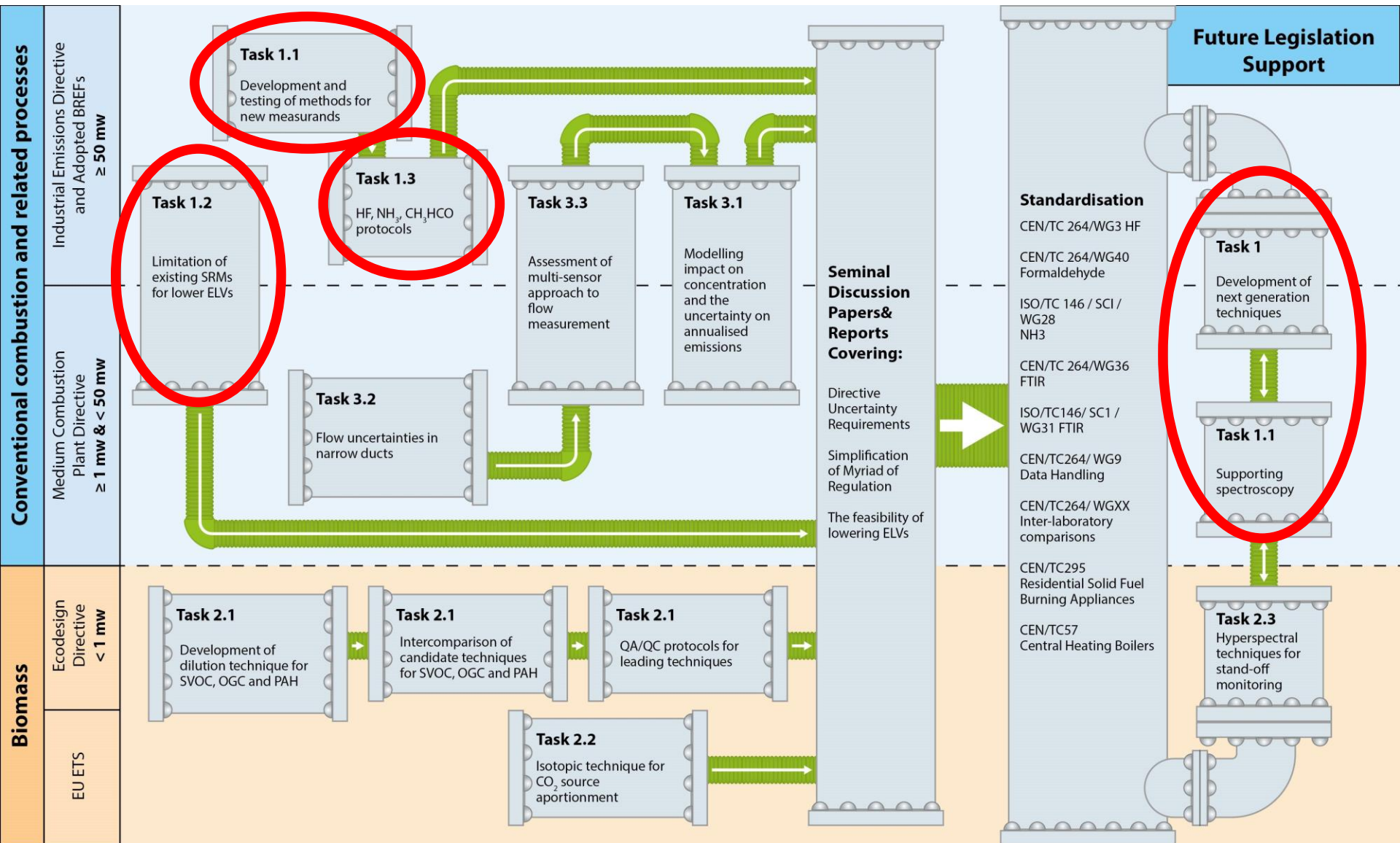
IMPRESS 2 WP1



IMPRESS 2 WP1



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Task 1.3 Documentary support for CEN, national regulators and other end users

- There are technical talks covering Task 1.1, 1.2 and 1.4, so here it is worth giving a brief summary of Task 1.3
- Task 1.3 was focussed on producing documents to support discussion in the academic literature and to support the elaboration of standard at CEN/ISO

Task 1.3

- Discussion in academic literature
 - Discussion of the metrology basis of regulation affecting industrial emissions
 - Discussion of variation in national implementation of uncertainty requirements
 - Discussion capability of SRMs and AMSs with increasingly stringent emission limits
- Protocols for CEN/ISO
 - HF SRM
 - NH₃ SRM
 - Formaldehyde SRM
- [nb. In the later presentation under WP4 we'll describe what standards this work has supported]

WP1 Talks

Associated project Task		WP1: Enforcement of IED and MCP ELVs and Next Generation Techniques	
	10:30 – 10:40	Introduction to WP1	NPL
Task 1.2 Limitation of existing SRMs for enforcing new emission limit values	10:40 – 11:00	Analytical laboratory comparability considerations in measuring HCl stack emissions in accordance with EN 1911	Marc Coleman, NPL
Task 1.4 Next generation techniques and supporting spectroscopy	11:00 – 11:10	Progressing dTDLAS-based HCl optical gas standards - towards meeting type approval requirements of EN 15267-4	Zhechao Qu, PTB
Task 1.1 Development and testing of HF, NH ₃ and formaldehyde reference methods and a “wet” in-situ calibration approach	11:20 – 11:30	Review of manual and instrumental methods and techniques of CHO ₂ and NH ₃ measurements, for the development and validation of standardised reference methods	Isaline Fraboulet, INERIS
Task 1.4	11:30 – 11:40	In situ and on-line NH ₃ measurements on stack gases	Alexander Fateev, DTU & Francesco D’Amato, CNR