

Update from IAPWS-2019

*Karsten Thomsen, SIAPWS Chair
2 October 2019*



View from the auditorium where PCC (Power Cycle Chemistry) holds it's workshops

Breaking News

On the workshop Tuesday, 1 October 2019, the PCC approved that SIAPWS goes on and produces the proposed TGD (Technical Guidance Document) for the treatment of flue gas condensate for re-use. The motivation for the TGD is summarised in the points below:

- FGC and FGC re-use are economically and environmentally sound technologies – up to 20 % more heat production on the same amount of fuel. Improves flue gas cleaning over conventional techniques and saves drinking water or natural resources for production of technical water suitable for make-up water etc.
- The technology is not straightforward – couplings between flue gas rinsing and condensate treatment, much more load variation than usual for water treatment, operation demands understanding and skills from the operators
- The technology presents a niche where Nordic vendors initially have an advantage when it spreads to other parts of the world, especially Europe