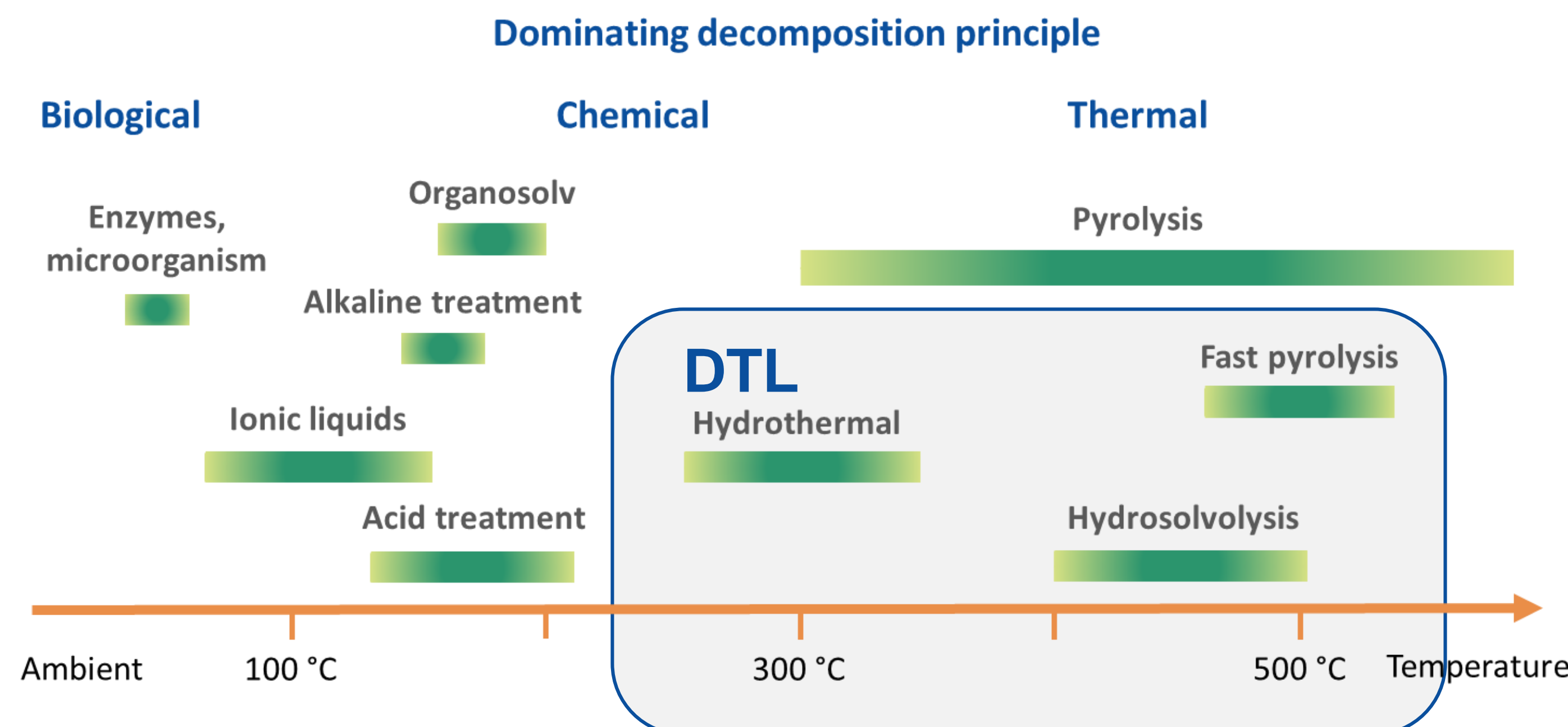


IEA Bioenergy Task 34 - Direct Thermochemical Liquefaction (DTL)

Who is Task 34?

An international expert network advancing and supporting the commercialization of bioenergy through Direct Thermochemical Liquefaction.



Overview of biomass decomposition

What does Task 34 do?

The Task monitors, reviews, and addresses key issues to enabling rapid implementation of DTL technology.

Information hub around DTL activities



Gathering reliable information and evaluating it for publication in reports, e.g.

- Direct use of DTL liquids as fuels
- Flexibility by fast pyrolysis in renewable energy systems



Organization of expert workshops in relevant fields



Publication of the bi-annual PyNe Newsletter



Hosting the Task 34 homepage with detailed Direct Thermochemical Liquefaction technical information

Key Messages of IEA Bioenergy Task 34

DTL makes a significant contribution to the **energy transition** by enabling sustainable bio-based fuels and chemicals.



DTL requires **standardization**, robust analytical methods, and high product quality to enable market uptake.



DTL technologies are technically mature but require further steps toward **large-scale deployment**.



DTL benefits from **international collaboration** accelerates learning, and supports implementation.



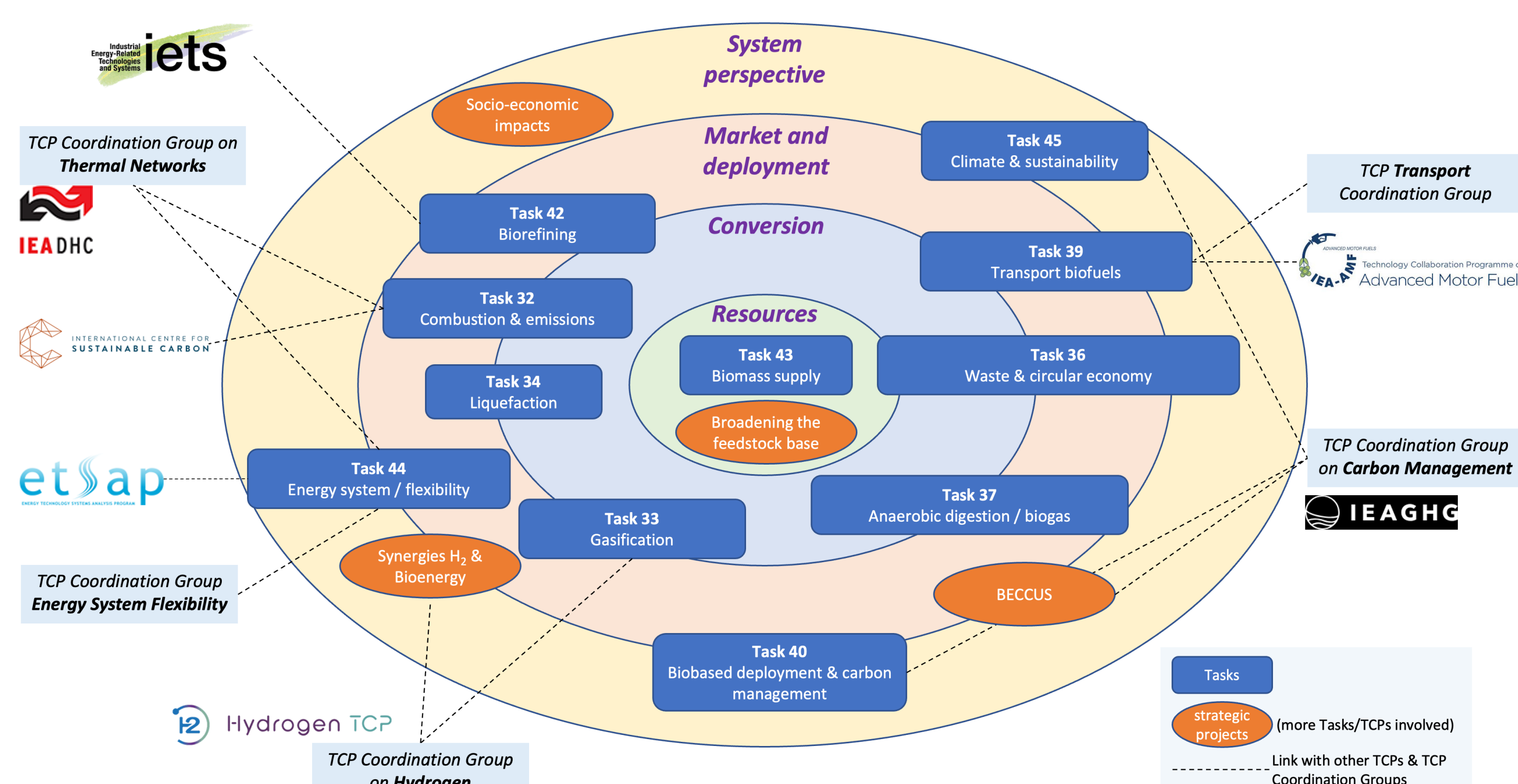
Current focus:

Advanced products from DTL: Towards SAF and marine fuels, smart byproduct use, and water management.

From diverse feedstocks to biobased fuels: Fast pyrolysis of non-woody biomass and mobile FP units. Bringing innovative biofuels from lab to application.

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Task 34 in the IEA Bioenergy-World

