



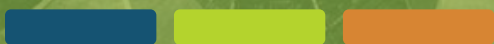
EUROHEAT & POWER

Värme- och Kraftkonferensen 2021

The “EU Fit for 55 Package”:
What’s in it for District Heating
& Cooling?

Pauline Lucas

11 November 2021



EHP IN BRIEF

- International association for district heating and cooling and network of professionals
- Headquarters in **Brussels**, Belgium
- **100 members** from more than 30 countries
- **Advocacy & Representation | Research & Innovation**
- National DHC associations, utilities, manufacturers, universities, research institutes and consultancies

We Are All **Connected**

Decarbonising District Energy For Our Cities

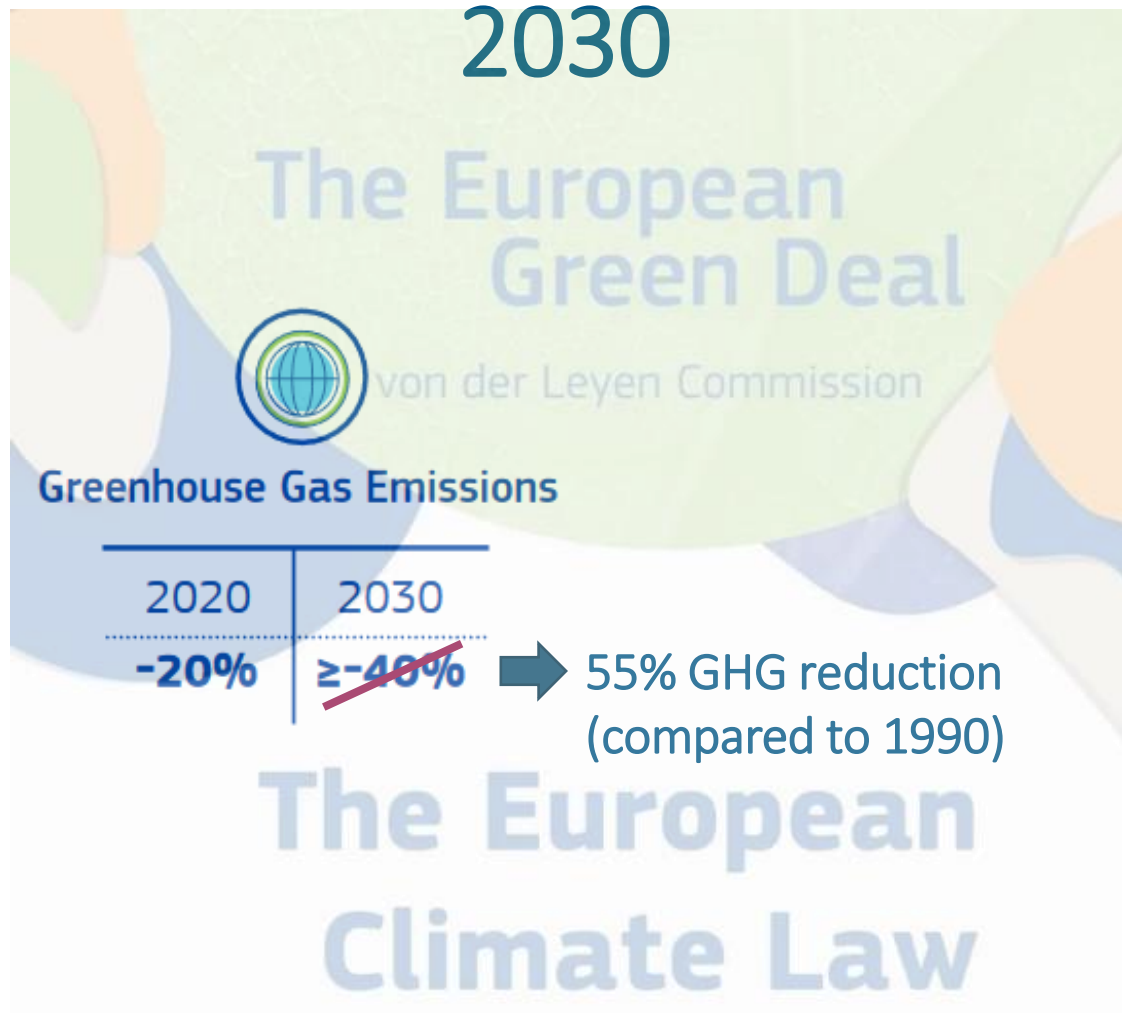
#DHCities



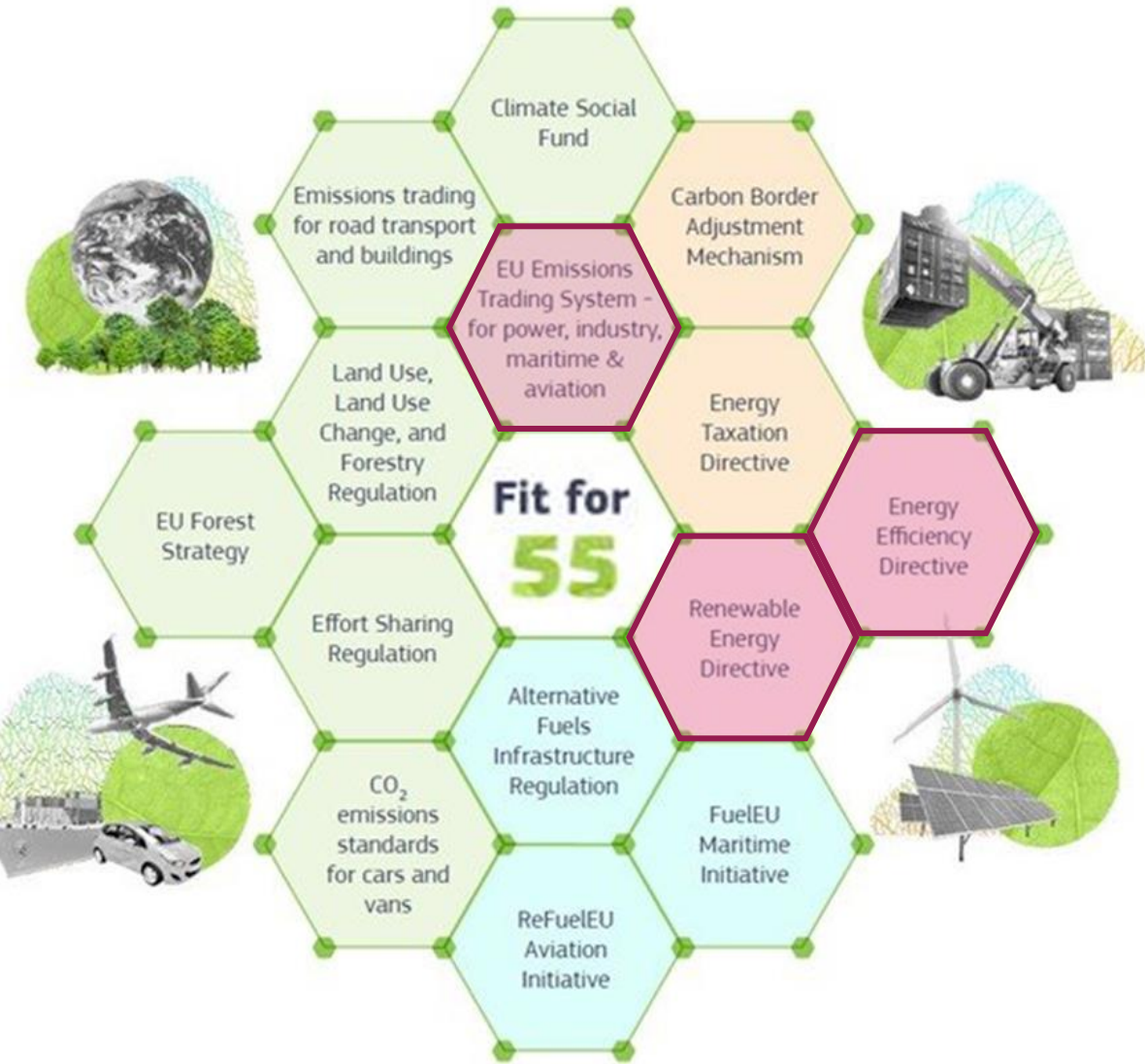
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EU ENERGY & CLIMATE TARGETS



EU GREEN DEAL



THE FIT FOR 55 PACKAGE

- A comprehensive and **interconnected set of proposals** to deliver the “EU Green Deal” and its targets for 2030 & 2050
- The package is a puzzle of legislation and initiatives **enabling the necessary acceleration of greenhouse gas emission reductions** in the next decade
- **What is most relevant for DHC?**

ENERGY EFFICIENCY DIRECTIVE

36-39% energy efficiency targets for final and primary energy consumption

Gradual decarbonisation pathway for DHC from 2026 – in 2035 RES and WH only

Article 24

Definition of Efficient DHC

Member States to implement the principle in planning, policy, investments

Article 3

Energy efficiency first principle

Focus on end-use savings

Article 8

Energy Savings obligations

Companies without EMS with an average annual consumption higher than 10TJ of energy subject to an energy audit

Energy Audits & EMS

Article 11

Companies with annual consumption over 100TJ of energy to implement an EMS

Consumers' Rights

Alignment of consumer information framework with Electricity Directive

Article 20

Definitions final customers / final users

Article 2 (26) & (50)

Strengthening of the Comprehensive Assessment H&C plans in municipalities

> 50 000

Article 23

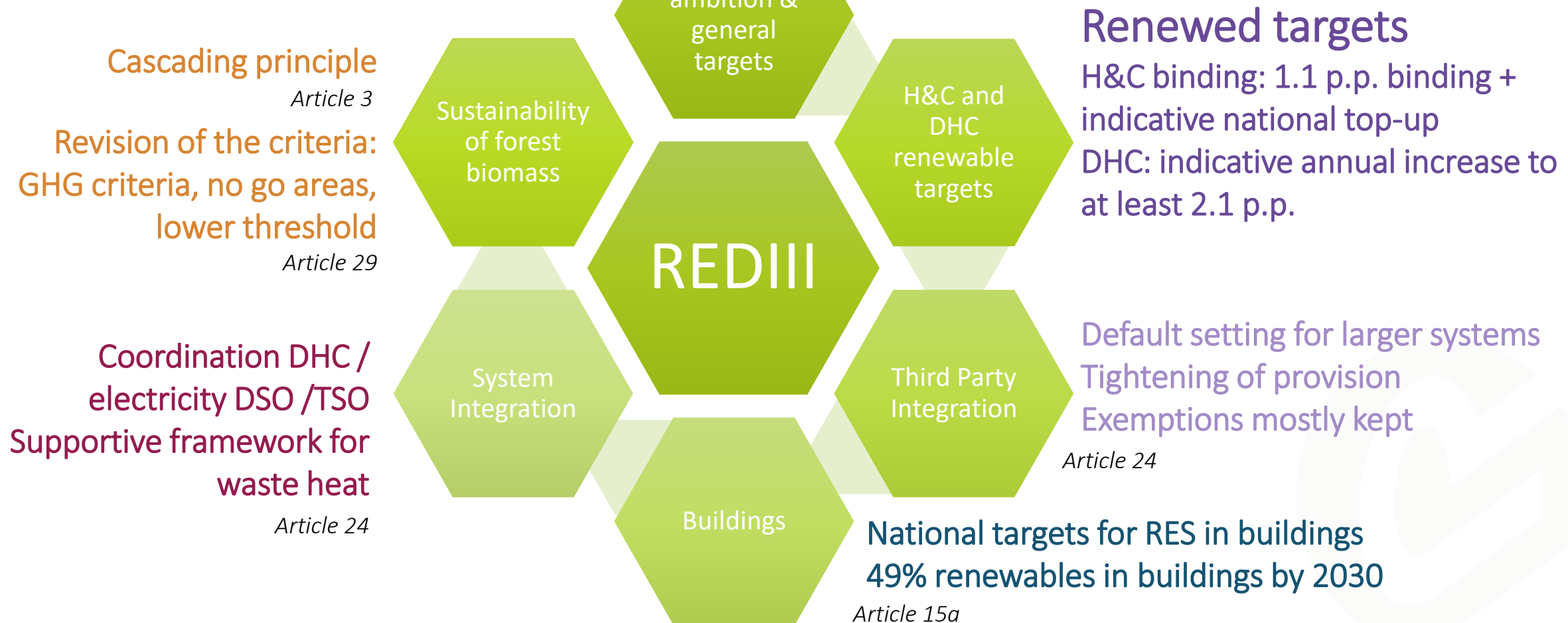
Heating and cooling assessment & planning

36-39% energy efficiency targets for final and primary energy consumption

EED

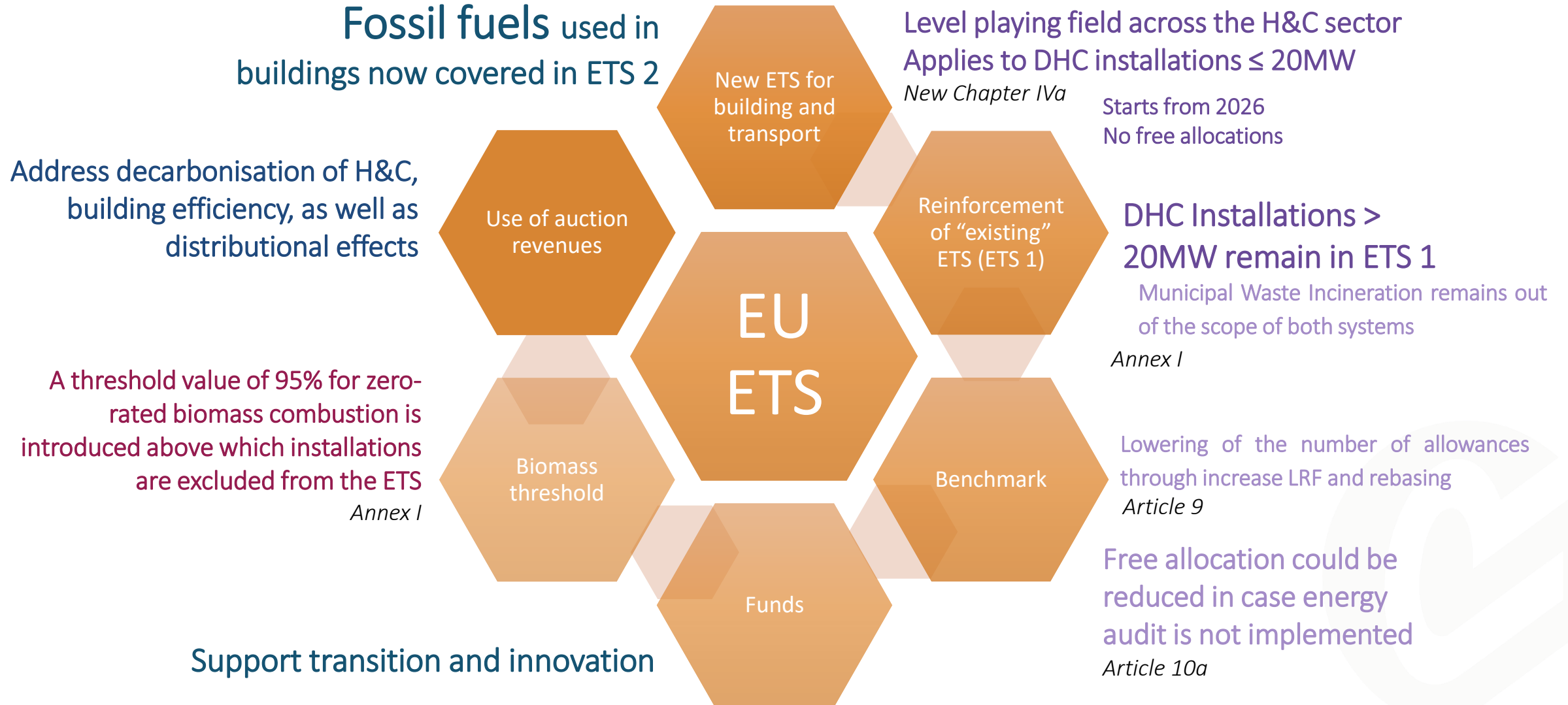
RENEWABLE ENERGY DIRECTIVE

38-40% RES share in H&C 2030



61% emissions reduction by 2030 compared to 2005

EU EMISSIONS TRADING SYSTEM



CONCLUSION

- Many positive aspects for DHC in the Fit for 55 Package but also margin for improvement
- More ambitious targets in RED and EED but good balance
- More focus on energy and heat planning at all governance levels
- Possible difficult path ahead for the adoption of ETS 2

Timeline/next steps:

- Climate emergency and need for legislative certainty
- “By the end of 2022”, EU Commission pushes to speed the process up
- Start of the work in Parliament and Council



**EUROHEAT
& POWER**

Thank you!

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