



EHP Standardisation

Scope & Focus

Euroheat & Power

Who we are:



International association for sustainable district heating and cooling



Voice and forum of the sector



Research & Innovation platform (DHC+) involved in 17 active European projects



150+ members from more than 30 countries
National DHC associations, utilities, manufacturers, equipment suppliers, start-ups, universities, research institutes and consultancies



EHP Certification Programme

A dedicated Certification Board which oversees and actively participates in CEN/CENELEC working groups and committees.

EHP001 Straight pre-insulated pipes
(EN 253 and EN 15698-1) and fitting assemblies (EN 448 and EN 15698-2) both single and twin pipe system, with or without surveillance system (EN 14419)

EHP002 Flexible pipe systems
According to EN 14419, EN 15632-1, EN 15632-2, EN 15632-3, EN 15632-4, EN 17414-1, EN 17414-2, EN 17414-3, EN 17878-1, EN 17878-2 and EN 17878-3

EHP003 District heating steel valves
According to EN 488 “District heating pipes - Preinsulated bonded pipe systems for directly buried hot water networks – Steel valve assembly for steel service pipes

EHP004 Eco-efficient Substations for District Heating
certificates for the quality assessment of eco-efficient substations for district heating

ENSURING COMPLIANCE

The EHP's Certification Programme enables an increased product quality level, sound competition and more reliable and easier procurement.

The guidelines increase cost efficiency by avoiding multiple testing, and inspections in the production of pre-insulated district heating pipes and fittings.

Engaging with relevant stakeholders

CEN/TC
107

- EHP is increasing its influence and presence in the EN Standards body. Ensuring we are part of the decisions that affect the sector.

ISO/TC
341

- New Liaison Status: EHP working to establish close cooperation with European Standardisation Bodies. Improved cooperation will result in common strategies and a stronger European position at ISO level.

Taskforce

- Update all guidelines and conduct consultations to develop guidelines for District Cooling pipes and create their respective certificates

Working to increase awareness of the importance of standards for the sector!



ISO/TC 341

17

Participating Members

Secretariat: China (SAC)

20

Observing Members

Chairperson: Rolf Besier
(European)

Scope:

“Standardization in the field of HSN (including design, construction, integration, control and regulation based on heating and cooling supply pipeline system.)”

ISO/TC 341
Heat supply network
(HSN)

Challenges for the sector in Europe

China holds the secretariat. Europe must engage with the process!

ISO/TC 341

- Very broad scope with unlimited projects can overwhelm European NSBs
- Lack of European experts can result in China defining the work to be done and the priorities in coming years
- Activities are not limited to pipe systems and their construction. They can cover all aspects of the district heating and cooling distribution systems.
- Observing members are not required to have heating and cooling pipes. China can create a block and start winning ballots

EHP WG Standardization | 2025 outcomes



Out of 33 project proposals from China, not a single standard has been published!

Standardisation projects | 2025 - 2026

“He who owns the standards owns the market”

Werner von Siemens

Current

1

TERMS & DEFINITIONS

Currently under development.
It is being adapted in ways that
are more acceptable to
European countries.

2

DESIGN & TERMINOLOGY

Considered the most important for
European members, as it shares the
same scope as EN 13941 - the
backbone of CEN/TC 107

3

WATER QUALITY

Sensitive topic requiring a
European lead.
Germany is leading and
managing the project

Upcoming

4

SURVEILLANCE SYSTEMS

Based on EN 489-1.
A European lead is strongly advised to
ensure the adoption of EN 489-1
(easier to avoid double standards).

5

FLEXIBLE PIPES

(EN 15632-series) proposal for
adoption. European WG in charge of
the project is discussing if and how it
can be supported by Europe. Financing
of the Chair to be both, European and
International

6

INTEGRATED DH

Of significant importance to the
European industry. Currently under
ISO/TC 301 - Energy Management
and Energy Savings.

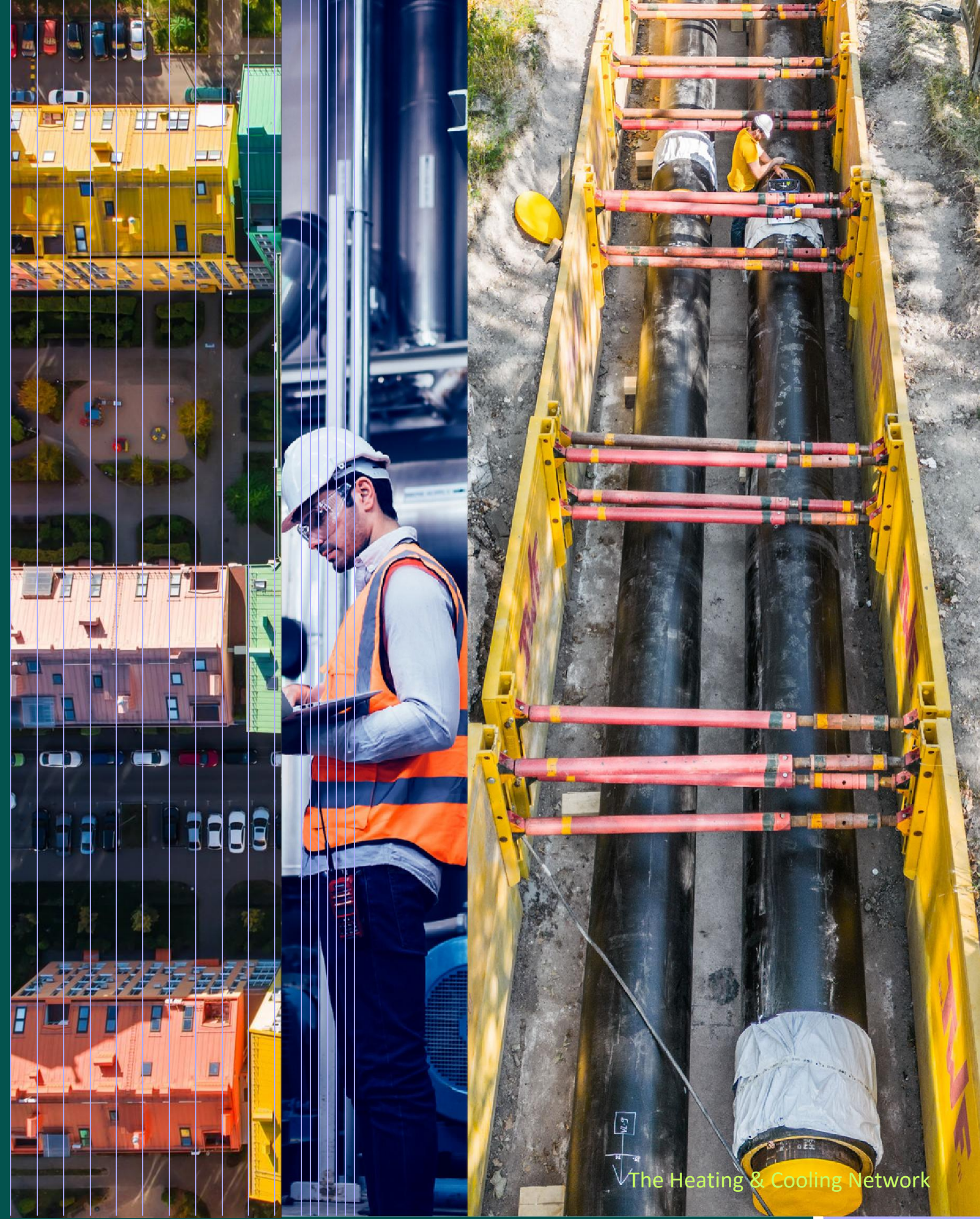
Euroheat & Power

Thank you!

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The Heating & Cooling Network