



# DHC+ Technology Platform

Research and innovation for District Heating,  
District Cooling and kindred technologies



# Current DHC research level

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- Around 10-20 million €/year spent for **DHC research** within EU27
- Annual turnover for **district heat deliveries** are about 25-30 billion €/year, plus significant turnover in DHC equipment
- Current **research level corresponds to 0.05-0.1% of the annual turnover** in district heat deliveries only!

# Why a Technology Platform for DHC?

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Low level and **little visibility** of DHC research, lack of cooperation / cross-border fertilization. The result:

- DHC is perceived as “**transition technology**” (not relevant beyond 2020) in EU research initiatives: fossil-based, mature & “old-fashioned” (vs. renewable, dynamic & innovative)
- No influence on and little visibility in EU research programmes. Few available funds.
- Established “ETPs” (**European Technology Platforms** – i.e. on CCS, smart grids etc.) get the lion shares

# Euroheat & Power and DHC+

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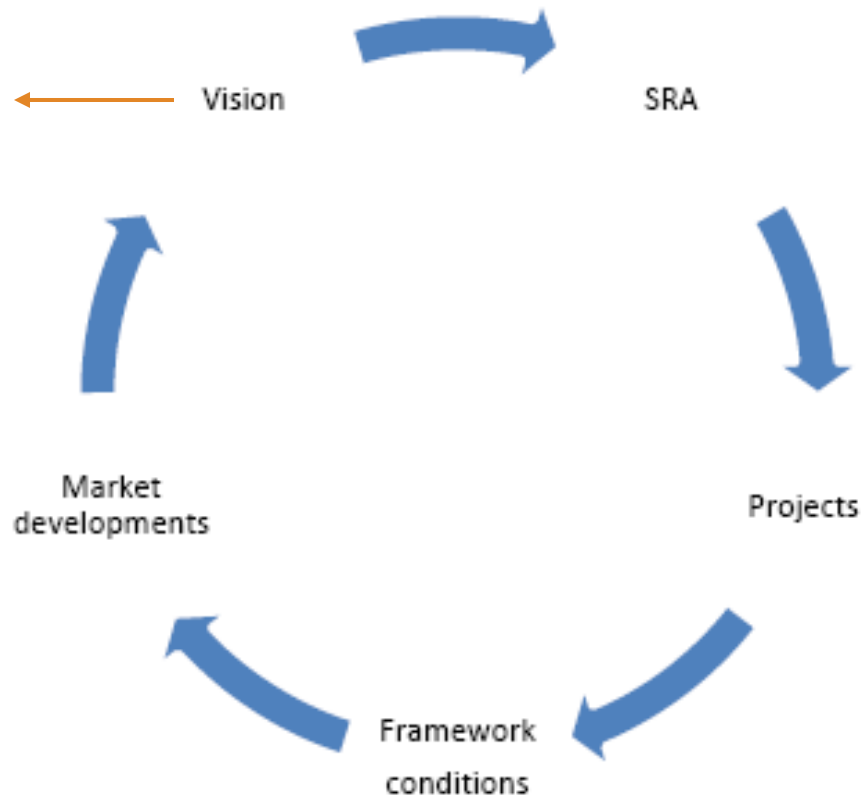
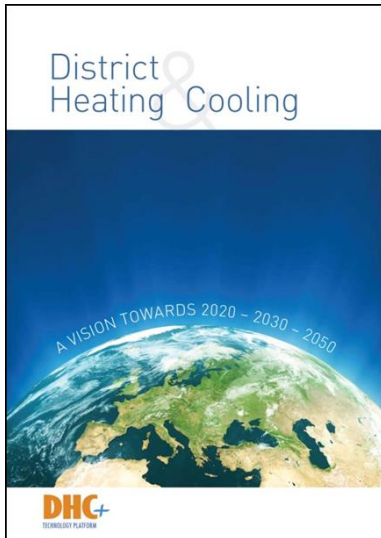


# Role of DHC+

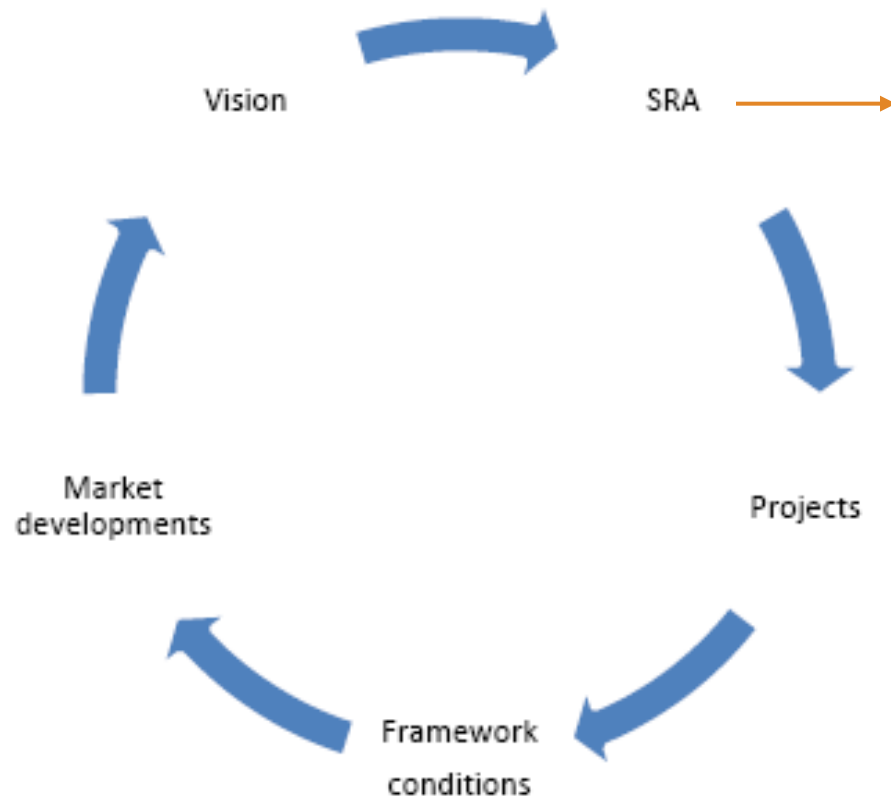
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- The DHC+ Technology Platform acts as a catalyst for establishing effective public-private partnerships and provides a **qualified interface** between the DHC sector and the EU for **coherent** research policy development, **consistent** research programme planning and funding.
- Thereby it also helps to develop awareness of the role of DHC in a **low-carbon energy future**.

# A dynamic process

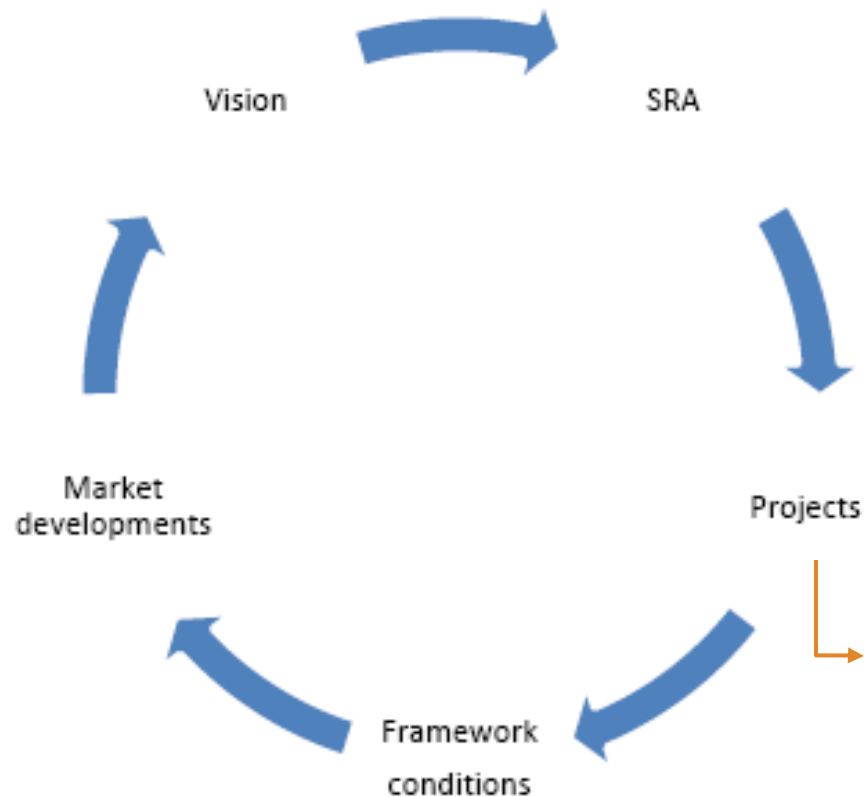


# A dynamic process



# A dynamic process

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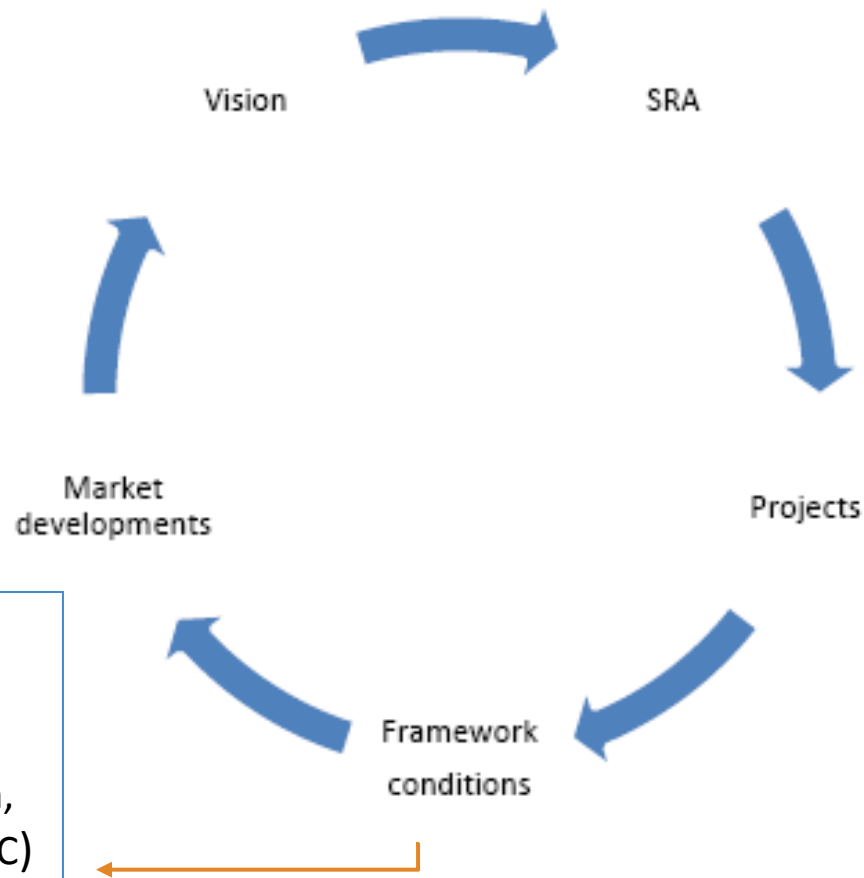


Active participation to more than 10 **EU projects** (Ecoheat4EU, SDHTake-off, SDHPlus, SUNSTORE4, Ecoheat4cities, Rescue, BiogasHeat, Eco-efficient Substations, ...)



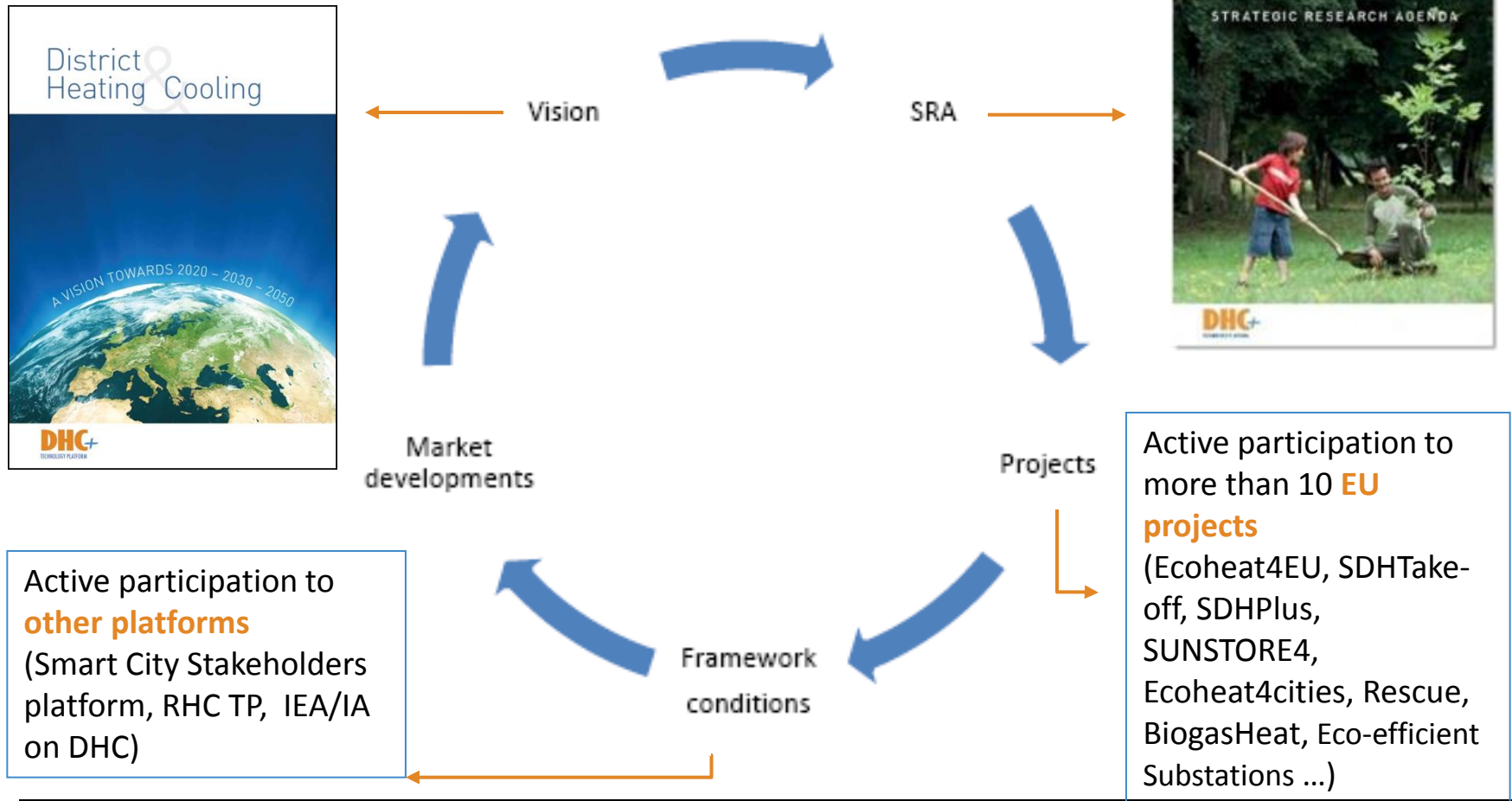
# A dynamic process

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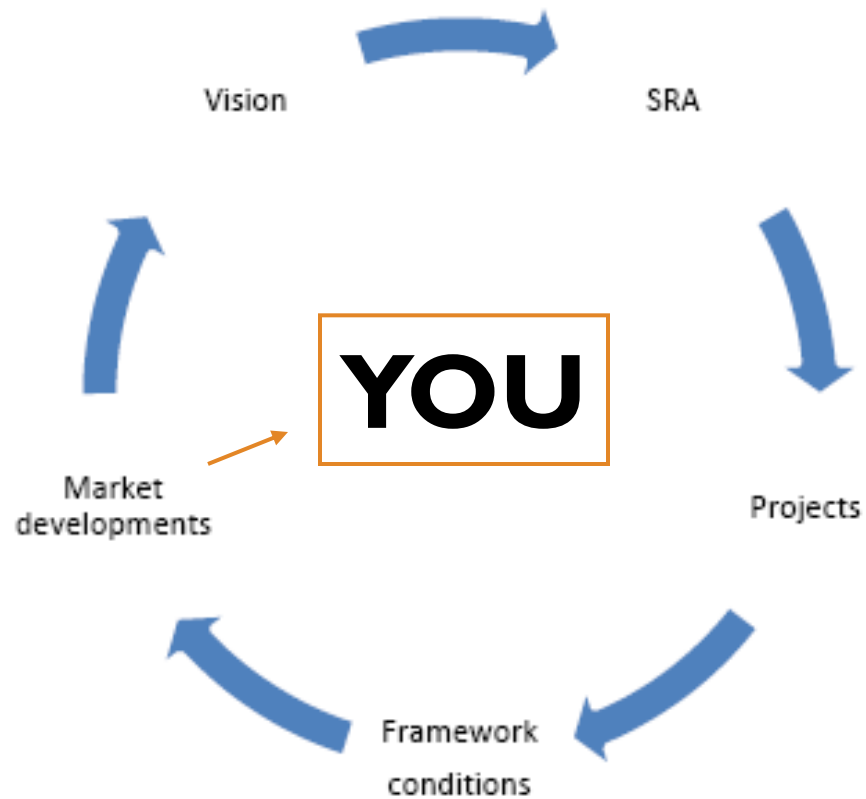
Active participation  
to **other platforms**  
(Smart City  
Stakeholders platform,  
RHC TP, IEA/IA on DHC)

# A dynamic process



# A dynamic process

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# Return on investment – for all

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- ✓ Market growth (recognition as innovative, dynamic sector)
- ✓ Easy access to EU projects, partners, advice
- ✓ Influence on EU research policies and funding programmes (increased funding!)
- ✓ Improved competitiveness of the technology

# Additional return on investment – utilities

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- ✓ Information about market developments, European state of the art and future trends (benchmark for own activities)
- ✓ Cross-fertilization of projects through exchange of info and knowledge
- ✓ Development of cost- and investment reducing technologies (harmonization)
- ✓ Reputation: EU „stamp“ on projects

# Additional return on investment –manufacturers

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- ✓ Information about market developments, European state of the art and futures trends (benchmark for own activities)
- ✓ Visibility and credibility

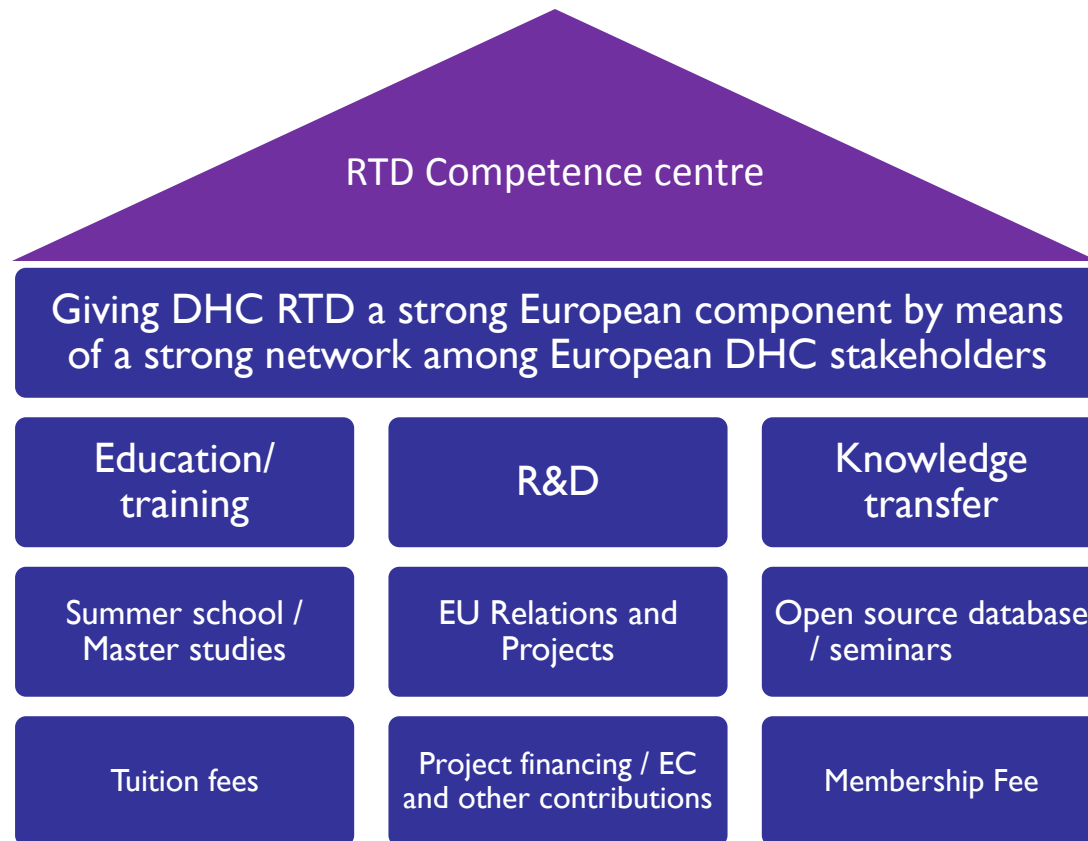
# Additional return on investment –research institutes

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- ✓ International component to DHC studies
- ✓ Partnership to European education programmes (summer school, master degree)
- ✓ Direct contact with utilities and manufacturers

# 2012-2014 Second commitment period

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# Education & Training

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- **First DHC+ International Student awards**
  - Officially launched on 9 October 2012
  - Deadline for submission: 08/01/2013
  - Presentation of Awards and lecture by recipients during the EHP Congress in Wien (May 2013 – Yesterday!)
- **Summer School 2013**
  - It will take place in Berlin on 26-30 August 2013

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# Be part of the movement



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