



International
Energy Agency

IEA CHP/DHC Collaborative Phase III

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**Joint CHP/DHC Workshop
Paris, 12-13 February 2013**

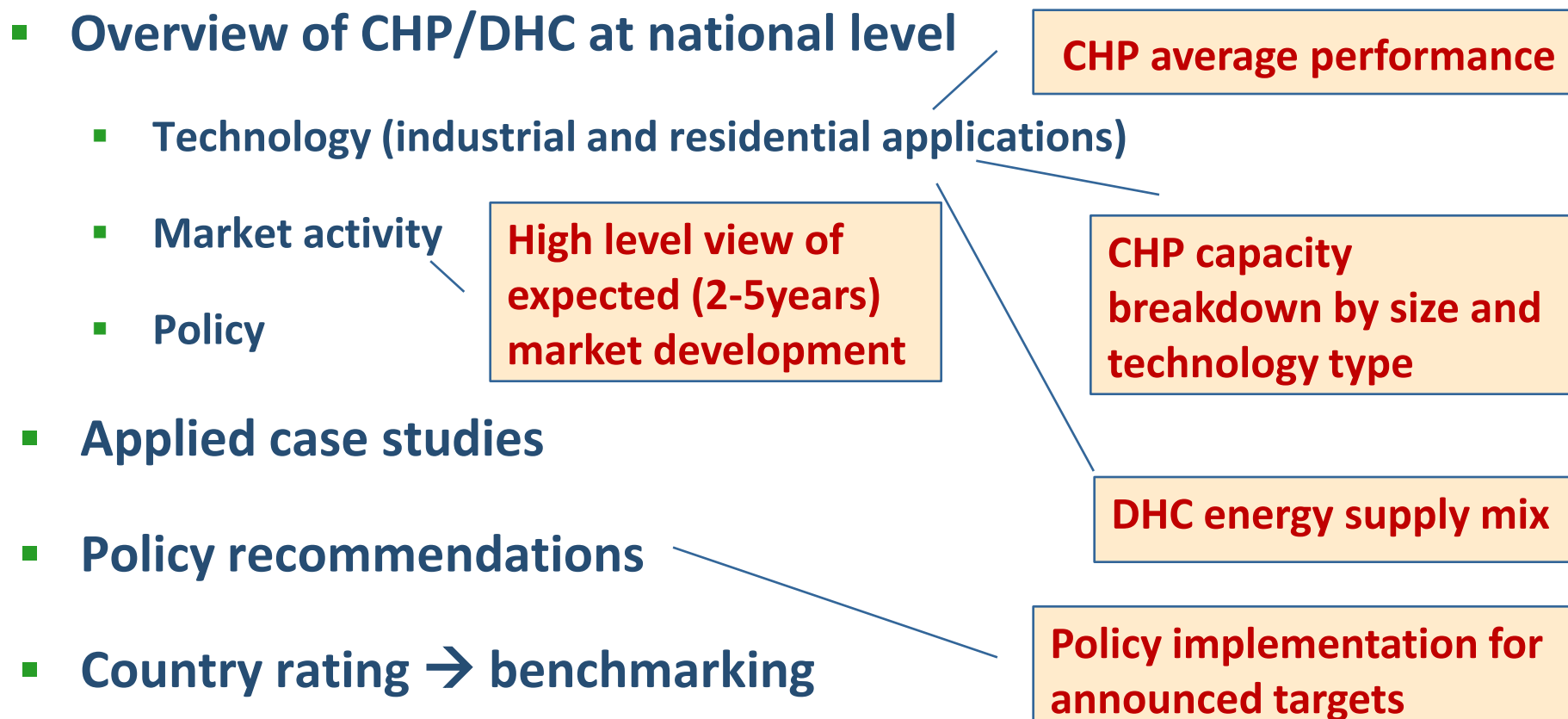
Overview

- Phase III work programme draft
- Time line
- Work methodology
- Resources and collaboration
- What is next?

Phase III work programme draft (2013-2014)

- CHP/DHC snapshot in Tracking Clean Energy Performance (CEM)
- CHP/DHC Country specific reports - Scorecards
- Analysis report: *The role of CHP and DHC in a new energy future*

CHP/DHC Country scorecards



CHP/DHC Country scorecards - updates

- South Korea
- Japan
- Finland



Priority package A

Final draft – End April 2013

- US
- India
- Russia
- China



Priority package B

Exploring key partners

- UK
- The Netherlands
- Germany
- Denmark



**Low Priority package
(potential overlap parallel initiatives)**

**May reassess if available resources
UK Heat mapping case**

CHP/DHC Country scorecards - new

- Canada
- Turkey
- Poland
- Eastern Europe
- ...



Priority package

Final list for discussion

- France



Low Priority package

(potential overlap parallel initiatives)

May reassess if available resources

Analysis report

(I) CHP/DHC Data analysis

Start developing a Global CHP/DHC database (Top 20 countries)

(II) The role of CHP and DHC in a new energy future

Applied case studies compendium

Analysis report (I) - CHP/DHC Data analysis

Start developing a Global CHP/DHC database (Top 20 countries)

CHP

- Elect. & Heat installed generation capacity and actual generation by CHP
- (also as shares of national generation capacity)
- Broken down by:
 - application type
 - size range
 - technology type
 - fuel used
- Fuel input energy to CHP plants

DHC

- DHC capacity in final energy terms
- DHC energy supply composition (including industrial heat surplus, heat pumps, CHP and heat-only plants (also by fuel type)
- DHC sales to customers
- Share of the population served by DHC

CHP/DHC

A high level forward view (2-5 years) of likely market development

Analysis report (I) - CHP/DHC Data analysis

- Identify gaps of current data reporting system
- Provide a set of recommendations to improve data reporting system
- Provide overview of CHP / DHC deployment and potentials for further deployment



Start developing a Global CHP/DHC database (Top 20 countries)

consistent, credible, accessible

Analysis report (II)

The role of CHP and DHC in a new energy future

- Integrated approaches of CHP (incl. from renewables) with DHC networks
- DHC networks including CHP, recovered industrial waste heat and energy storage
- Sectorial applications of industrial CHP



Put CHP / DHC in context within energy system
Integrated applied case studies compendium
including Business Models and Financing Mechanisms

Best practice and experience sharing, identification of market failures

Time line

- **CHP/DHC Country Scorecards**
 - Priority packages over 2013-2014

- **Analysis report: *The role of CHP and DHC in a new energy future***
 - (I) Database → Continuous task
 - (II) Case studies compendium → April 2014

Work methodology

- **Two-strategic meetings per year in Paris**
 - Webinar option would be available

- **Partners cooperation can be focused on projects of partner special interest**

- **Streamline communications: focal points**
 - CHP related → Araceli Fernandez
 - DHC related → Marc Lafrance

Resources & Collaboration

- Phase III Work Programme requires further resources
- IEA CHP/DHC Collaborative partners:
 - Financial support
 - In-kind support → Information, peer-reviews,
strategic discussions

Both are needed!!

What is next?

Now...

- **Phase III Work Programme discussion**
- **Prioritisation of tasks**



After Workshop...

- **IEA CHP/DHC Collaborative Partners group conformation**
- **Freezing Phase III Work Programme**

Thank you

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