

# “Innovations in District Heating” Project Meeting nr 2 Palanga 24-25 April 2012



# Agenda

## Today –project status

- “ Report from project management
- “ Report from components
- “ Report from partners
- “ Experiences from analysis on improvement possibilities at polish partners (Opec Gdynia)
- “ Presentation of student work (IIIEE)
- “ Presentation of e-learning tool – ideas so far (IIIEE)
- “ Presentation of District Heating in Lithuania and in the Klaipeda region (Lith. District Heating)
- “ Study visit



Dinner at the hotel  
**InnoHeat**

## Tomorrow –outlook and inspirations

- “ Presentation from Remowe project : Study on waste as a fuel for district heating (Klaipeda University)
- “ Presentation of experiences from upgrading the district heating network in former Eastern Germany (AGFW)
- “ Follow up on workshop from Kick-off meeting: “A successful Innoheat”.
- “ Detailed project planning for upcoming activities in 2012



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# Project secretariat – new version

*Project Manager:*  
Kamil  
Sustainable Business Hub



*Communication Manager:*  
Susanne Karringer  
Sustainable Business Hub



*Financial Manager:*  
Eva Paulin  
Region Skåne



*Project Coordinator:*  
Mats Larsson  
Sustainable Business Hub



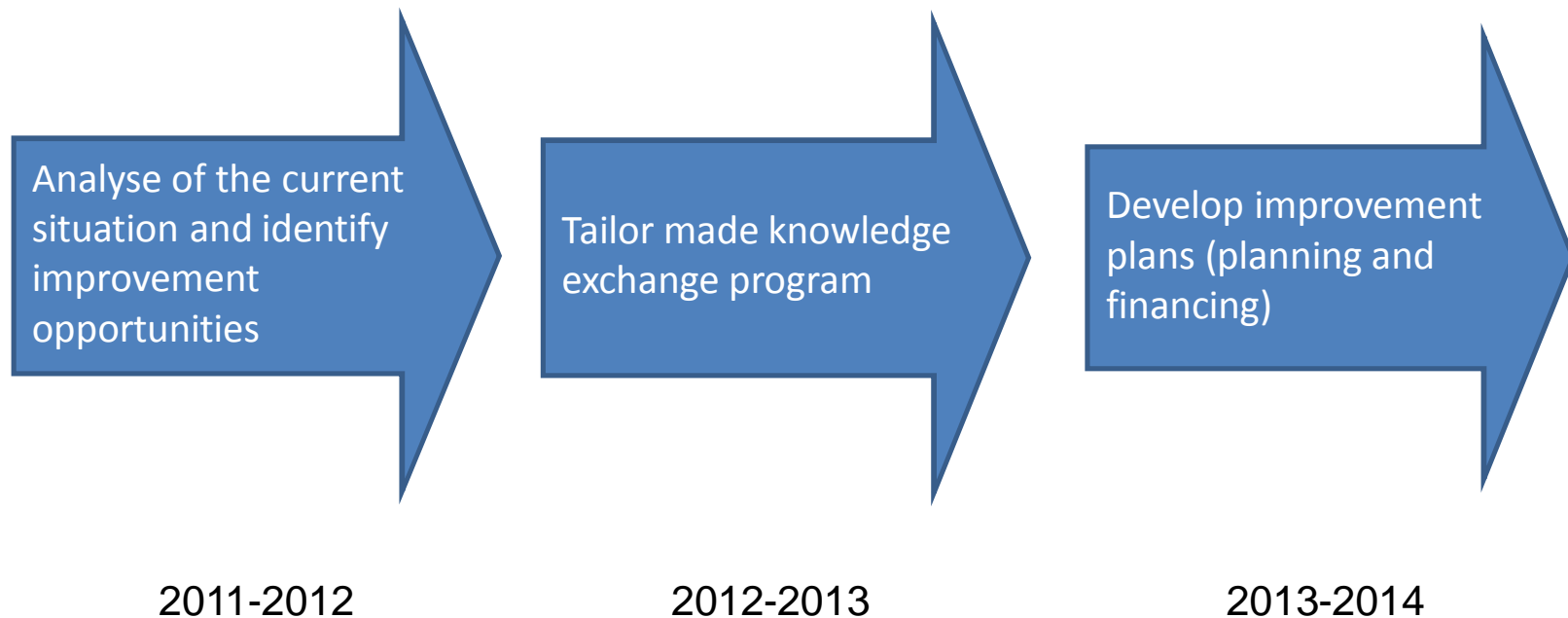
*Project Coordinator:*  
Ayumi Nakamura  
Sustainable Business Hub



*Project Coordinator:*  
Kristoffer Klim  
Sustainable Business Hub

# How?

A 3-step approach for *each* district heating company partner:



# And also...

- “ Analyse status and improvement opportunities at a *regional level*
- “ Establish a district heating organisation/institute around the South Baltic to further develop the results and continue the sharing of knowledge

# Expected outputs from the project

- “ Action plans for each participating district heating operator
- “ Start-up of some improvement projects
- “ Long term action plans for district heating improvements in the South Baltic Sea area
- “ Different methods and tools for analysis, planning and implementation, and e-learning courses for competence development
- “ *A Sustainable District Heating Association* that works long term with competence development around the South Baltic

# C3: Analysis and documentation

Co-ordinator: The Swedish District Heating Association

## **Participating district heating company level:**

- “ Analysis of technical and management status
  - . Development of method for analysis
  - . Development of training course for analysis and documentation
  - . Perform training
  - . Perform analysis and documentation of current situation
- “ Compilation of results and expert analysis of improvement possibilities
- “ Tailor made design of knowledge exchange programme for each partner based on the results

## **Regional / overview level:**

- “ Survey of the status and improvement opportunities of all district heating systems in the programme area

# C4: Knowledge exchange

Co-ordinator: Sustainable Business Hub

## **Participating district heating company level:**

- ” Study visits
- ” Expert presentations
- ” Interactive problem solving workshops

## **Regional / overview level:**

- ” Knowledge exchange concerning results of regional studies
- ” Development of e-learning course for district heating professionals

# C5: Planning and implementation

Co-ordinator: Opec Gdynia

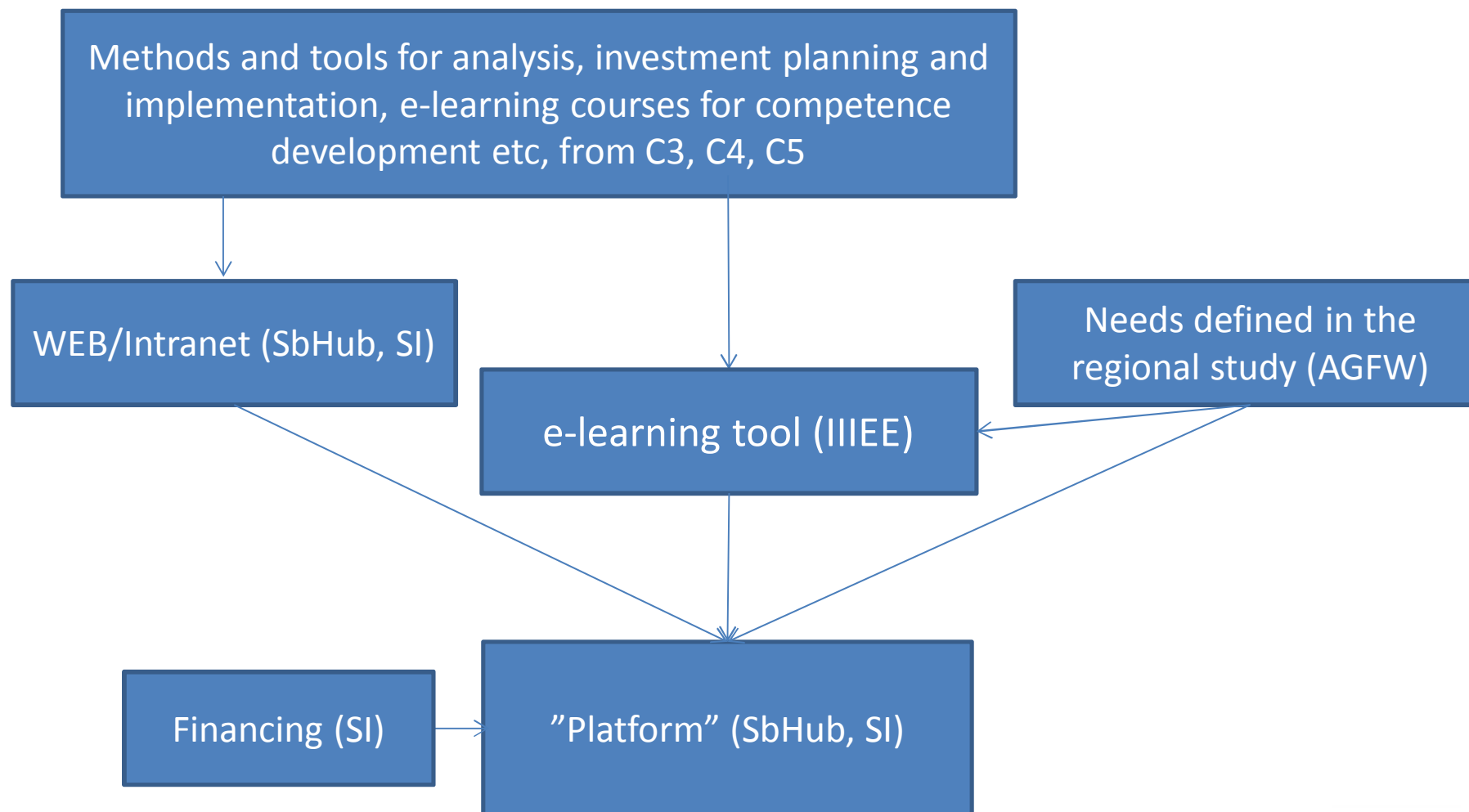
## **Participating district heating company level:**

- “ Planning of improvement projects
  - . Development of method and training course for planning
  - . Perform training
  - . Prepare improvement plans
- “ Financing of improvement projects
  - . Identify investment opportunities
  - . Apply for financing
- “ Implementation of improvement projects – pilot projects

## **Regional / overview level:**

- “ Development of regional action plans
- “ Establishment of a “district heating organisation”

# InnoHeat from a "vertical perspective"



# Main achieved results until today

- “ District heating companies in Lithuania identified and connected to the project
- “ Identification of district heating company in Kaliningrad on-going
- “ Financing of Lithuanian and Kaliningrad companies secured
- “ Draft method for analysis of technical and management status and training course for the use of the method developed
- “ Analysis method tested at polish district heating companies
- “ Regional study kicked off

# Associated organisations

## - status of activities and contacts

- ” EuroHeat and Power (EU)
- ” The Swedish Energy Agency (S)
- ” The Swedish Embassy in Warsaw (PL)
- ” The Institute of Environment Protection and Renewable Energy (PL)
- ” Foundation of Energy Saving in Gdansk (PL)
- ” Marshall's Office of the Pomorskie Voivodeship (PL)
- ” University of Klaipeda (LT)
- ” Klaipeda Energy (LT)
- ” Silute District Heating (LT)
- ” Mazeikiai District Heating (LT)

# Progress report nr 1

Four partners postponed the reporting



# Progress report nr 1

Status:

- ” Report uploaded on the intranet
- ” Planning and follow up document updated
- ” Sent in with a couple of weeks delay
- ” Clarification request from JTS in process

# Progress report number 1, financial results, totally

Total	Total eligible budget	Costs of the project				Remaining eligible budget
		Current report	Previously reported	Total reported so far (previously + current)		
	[EUR]	[EUR]	[EUR]	[EUR]	[%]	[EUR]
Total						
Staff	613 250,00	28 306,30	0,00	28 306,30	4,62	584 943,70
Travel and accommodation	121 333,33	6 033,08	0,00	6 033,08	4,97	115 300,25
Administration	22 000,00	2 015,90	0,00	2 015,90	9,16	19 984,10
Investments / equipment	5 100,00	1 197,97	0,00	1 197,97	23,49	3 902,03
External expertise + services	271 500,00	15 003,99	0,00	15 003,99	5,53	256 496,01
TOTAL	1 033 183,33	52 557,24	0,00	52 557,24	5,09	980 626,09

# Progress report number 1, financial results, per component

C1: 11 % of budget

C2: 9 % of budget

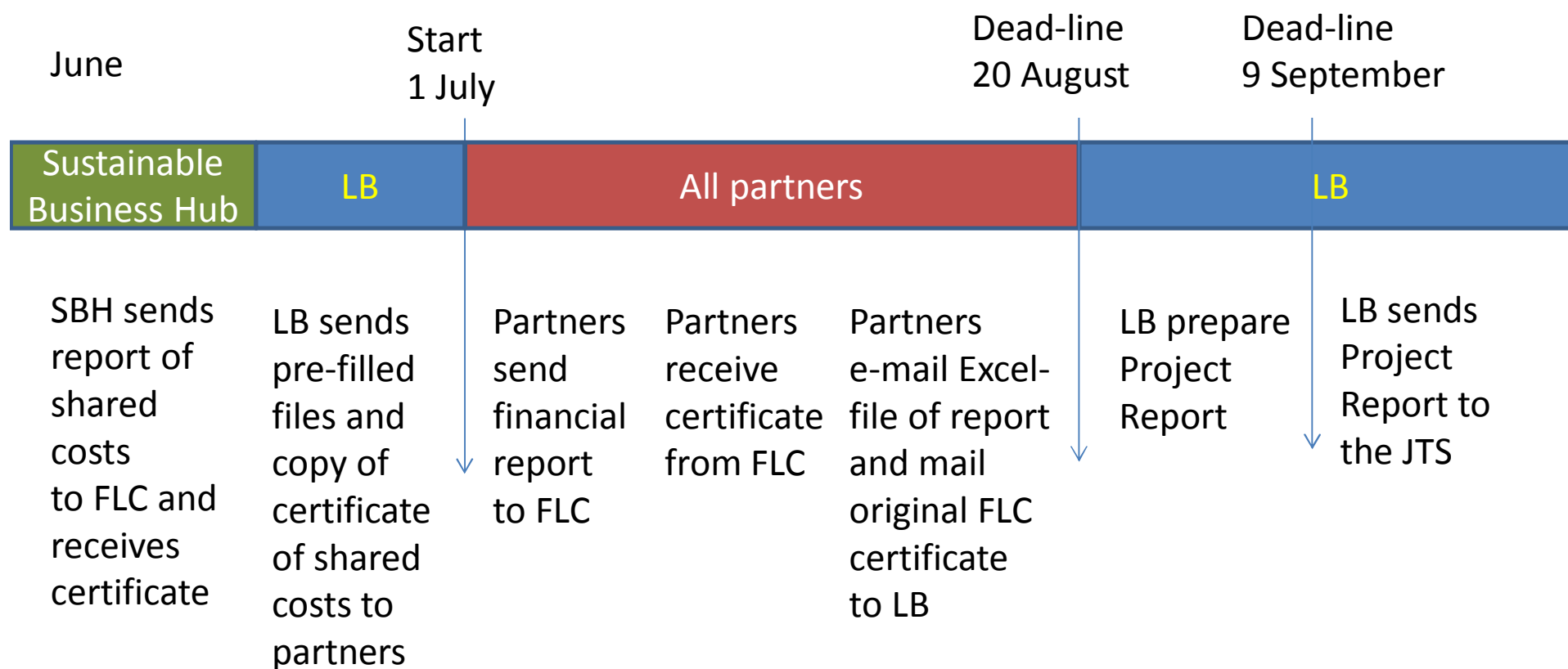
C3: 6 % of budget

C4: 1 % of budget

C5: 0 % of budget

# Report no 2

(January-June 2012)



# Budget changes

- “ Message on the Intranet from Eva Paulin Sept 20
- “ Any more correction to be done should be sent in to Eva by the 11 of May latest
- “ Inform Eva even if you do not want to do any more changes

# Presentation

## Communication issues (C2)



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# Presentations

Component overview reports (status, results so far and upcoming activities)

- ” C3 – Swedish District Heating
- ” C4 – SbHub
- ” C5 – Opec Gdynia

# Partner reports

News and status from partners  
(each partner short round table update)

# Presentations

- “ Experiences from analysis on improvement possibilities at polish partners (Opec Gdynia)
- “ Student work (IIIEE)
- “ Presentation of e-learning tool – ideas so far (IIIEE)
- “ Presentation of District Heating in Lithuania and in the Klaipeda region (Lith. District Heating)

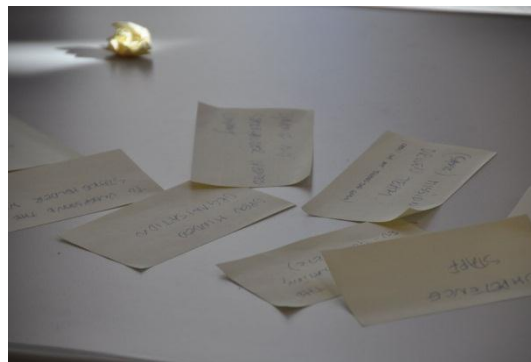
# Second day agenda

- ” Outlooks and inspirations:
- . Presentation from Remowe project : Study on waste as a fuel for district heating (Klaipeda University)
  - . Presentation of experiences from upgrading the district heating network in former Eastern Germany (AGFW)
  - . Follow up on workshop from Kick-off meeting: “A successful Innoheat”. Introduction by Project Manager followed by group discussions and presentations. (including coffee break)
  - . Detailed project planning for upcoming activities in 2012
- ” Around 12-12.30: End of meeting and lunch

# "A successful InnoHeat"

Discussed at the kick-off meeting:

- " What are the strengths of the project?
- " Which are the opportunities we shouldn't miss?
- " Are there any risks we need to be prepared for?



# "A succesful InnoHeat" - results

## *Strengths of the project*

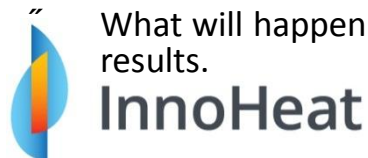
- " Strong partnership with many and diverse participating companies representing together a broad knowledge and experience - a good platform.
- " Participating people from the partners are very positive, motivated, interested and eager to work together.
- " Real case studies in the project to work with makes it concrete.

## *Opportunities we shouldn't miss in the project*

- " To get a broader perspective on improvement possibilities.
- " Solutions to make money also in the summer, better ROI.
- " Include municipalities and other essential stakeholders in each country – they are important for a success

## *Risks to be prepared for*

- " Many and diverse partners also leads to a communication challenge - good communication and meetings within the project is essential.
- " Solutions shouldn't be forced upon partners from countries that cannot use them – take into consideration that all countries have different fuel mixes available and different competitive markets.
- " Lack of funding for investments – investment possibilities should always be considered early in the planning process.
- " Together we have a very good network (AO's and others) that can help disseminate results - make sure we do use them and deliver results to them
- " "We are a group of technical nerds" – don't forget the big picture. Always keep the eyes on the project overall goal and rise above local aspects.
- " What will happen when the project is over - already now plan for a life after the project for the achieved results.



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# "A successful InnoHeat" - update



# Up-coming meetings

Autumn 2012

–Host: Gdynia

–Dates: 2-3 October

Spring 2013

–Host: Germany

–Dates: 8-9 April



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# Up-coming activities 2012

- Partner presentations sent to Susanne - May
- Data collection Poland – very soon
- Expert analyses Poland – May-June
- Revision data collection sheet - June
- Kick off Lithuania - July
- Data collection Lithuania - August
- Suggestion study tour program Poland – August
- Study tours Poland – October
- Suggestion study tour program Lithuania – October
- Kaliningrad partner identified – August
- Regional study outlining – June
- Ess analysis – May
- E-learning tool outlining – May-June



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