# Cleantech Incubation Europe

# Workshop 2: Inventory Format

11 May 2012, Helsinki

L.D. Sleebos - TU Delft







## **Inventory Format**

#### Internal vs. External

TU Delft	<ol> <li>The Netherlands, Delft:</li> </ol>	YES!Delft	
	The Netherlands, Rotterdam: Dnamo Incubator		
	2. Austria, Graz:	Eco World Styria	
	<ol><li>Sweden, Lund/Stockholm</li></ol>	Cleantech Inn	
	<ol><li>Denmark, Copenhagen:</li></ol>	Copenhagen Cleantech Cluster	
Peterborough	5. UK, London:	Imperial Innovations	
	UK, General:	Carbon Trust	
	UK, Petersborough:	Petersborough	
ParisTech	<ol><li>France, Paris:</li></ol>	NovaGreen, Essonne	
	<ol><li>Swiss, Zurich:</li></ol>	Swiss CleanTech Incubator	
I3P	8. Italy, Turin:	I3P Incubator	
	<ol><li>Spain, Barcelona:</li></ol>	Barcelona Activa Incubator	
GreenNet	10. Finland, Helsinki:	Finnish Cleantech Cluster/ GreenNet	
	11. Germany, Berlin:	CleanTech Business Park	
	Germany; Munich:	Munich Network – Cleantech	
St Istvan University	12. Hungary, Budapest:	Budapest	
	13. Norway, Oslo:	OREEC cluster	







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# **Inventory Format**

#### Internal vs. External

Internal Inventory	External Inventory	
Historical an political knowledge	Not much historical and political knowledge	
Interviews in native language	Interviews in English	
Face to face interviews	Mostly interviews by phone and email	
Easy access CT networks/ contacts	Search for important actors in the field of CT	
Danger of subjective view interviewer	Objective view interviewer	







#### Goals & Method

#### Goals content

- Discovering Best Practice
- Reliable inventory method (reproducible)
- Framework important topics
- Input Handbook

#### Goals coordination

- •Transmit responsibility of analysis of the inventory to Szent Istvan and Paristech
- •Transmit coordination of the inventory to I3P

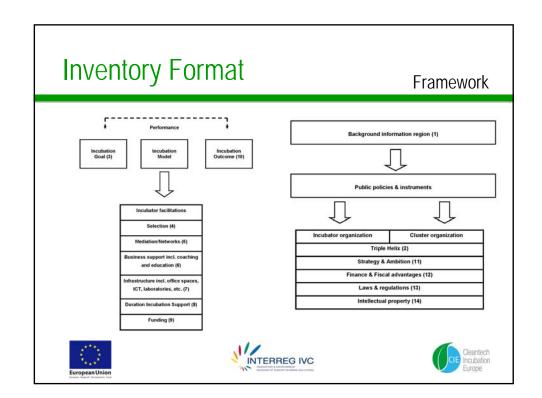
#### Method external inventory

- Questionnaire
  - Framework
  - Actors & questions
- Interviews
  - Copenhagen CT Cluster
  - Method in practice
- Analysis
  - Actors vs. Topics
  - Adding tags/ colours
- Best Practices

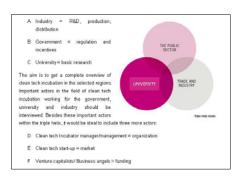


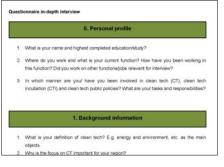






#### Actors & questions











# **Inventory Format**

Copenhagen CT Cluster

VIDEO COPENHAGEN CLEANTECH CLUSTER (CCC)

#### Copenhagen CT Cluster

Cluster organisation

Incubator/ Investor

University

Business support

Government











Whose opinion is missing?

- start-ups
- Industry

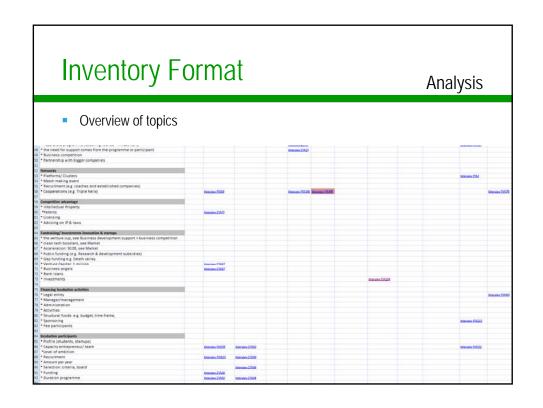
# **Inventory Format**

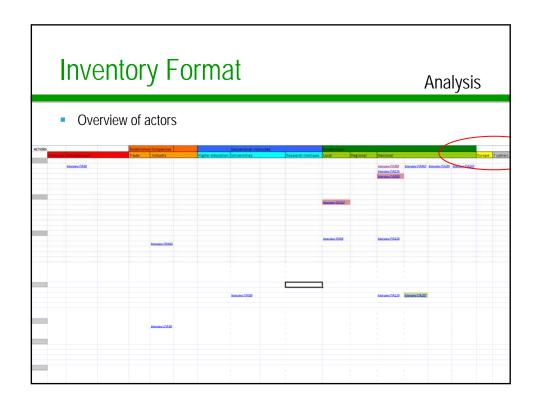
#### Method in practice

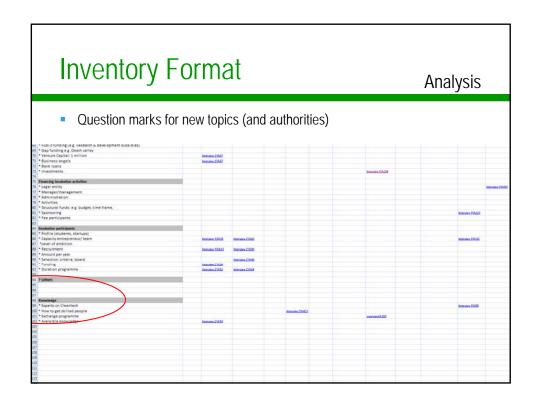
#### Interview action plan

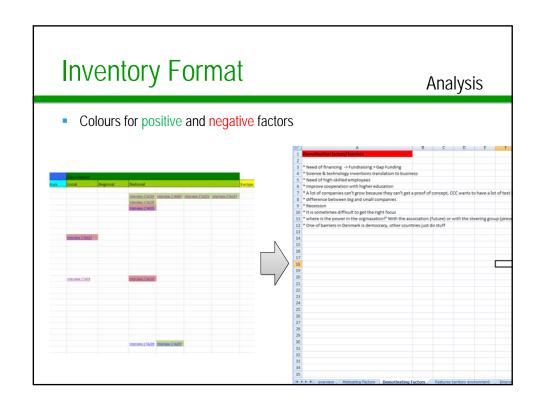
- 1 1,5 hour conversation
- 5 10 interviews per region
- Conversation with the questionnaire as a framework
- Focus: Clean Tech, Incubation, Territory features & Policies
- Recording interview e.g. via a smart phone
- Write down all topic from the interview
- Photograph of interviewee
- Contact details interviewee

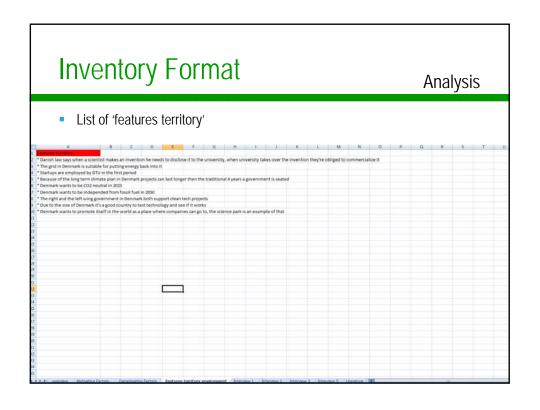
76 But of course we look at the potential and how can you form a business model.
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78 In docent's include services then?
79 In Could, but we haven't had many of them because we are a technical university but it could.
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80
81 Issuer many people are in this program now?
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86 In one noted to have 8010 control into what have tried it in other areas as well.
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88 In the technology needs to be ready in order to get far enough with the money.
99 These needs to be enough commercial potential and we also need to look at IT IT IT.
90 Oppose have a restination how many plans handed on.
90 Oppose have a restination how many plans handed on.
91 Oppose have a restination have proper stated on the stated the maturing ideas about making what we call a 'demonstration.
91 This 's what is enought as facility that it as mail scheme could test energy solutions in a system instead of 1001 in size set where we developed to constrain the encounter as facility that it as mail scheme could test energy solutions in a system instead of 1001 in size set where would we are facility that it as mail scheme could test energy solutions in a system instead of 1001 in this set & demonstration part of the CCC we have started the maturing ideas about making

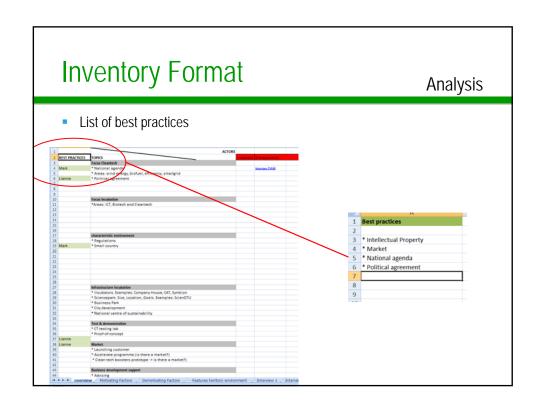












Discussion

How could we prevent that internal inventory will be influenced by a subjective interviewer?







### **Inventory Format**

Discussion

- How could we prevent that internal inventory will be influenced by a subjective interviewer?
- How can we increase the scientific level of the inventory format (internal and external) without making it too complicated to apply?







Discussion

- How could we prevent that internal inventory will be influenced by a subjective interviewer?
- How can we increase the scientific level of the inventory format (internal and external) without making it too complicated to apply?
- How do we control the reliability of the coding and analysis?







### **Inventory Format**

Discussion

How can we deliver a benchmark analysis of the best practices and/or incubator cluster?







Discussion

- How can we deliver a benchmark analysis of the best practices and/or incubator cluster?
- Which actors are considered critical while making an inventory?







### **Inventory Format**

Discussion

- How can we deliver a benchmark analysis of the best practices and/or incubator cluster?
- Which actors are considered critical while making an inventory?
- How can we present the results on the website (during the project and afterwards)?







Discussion

- How can we deliver a benchmark analysis of the best practices and/or incubator cluster?
- Which actors are considered critical while making an inventory?
- How can we present the results on the website (during the project and afterwards)?
- Remarks on the goals or method?







### Inventory format

#### Who and When

TU Delft	<ol> <li>The Netherlands, Delft:</li> </ol>	YES!Delft	06/2013 (3 live)
	The Netherlands, Rotterdam:	Dnamo Incubator	12/2012 (3 live)
	2. Austria, Graz:	Eco World Styria	12/2012 (3 live)
- 1	<ol><li>Sweden, Lund/Stockholm</li></ol>	Cleantech Inn Copenhagen	06/2013 (3)
	<ol><li>Denmark, Copenhagen:</li></ol>	Cleantech Cluster	Done (5 live)
Peterborough 5	<ol><li>UK, London:</li></ol>	Imperial Innovations	12/2012 (3)
	UK, General:	Carbon Trust	12/2012 (3)
	UK, Petersborough:	Petersborough	06/2013 (3)
ParisTech	<ol><li>France, Paris:</li></ol>	NovaGreen, Essonne	12/2012 (4 live)
	<ol><li>Swiss, Zurich:</li></ol>	Swiss CleanTech Incubator	06/2013 (3)
I3P	8. Italy, Turin:	I3P Incubator	12/2012 (4 live)
	<ol><li>Spain, Barcelona:</li></ol>	Barcelona Activa Incubator	06/2013 (3)
GreenNet	<ol><li>Finland, Helsinki:</li></ol>	GreenNet / Finnish Cleantech	09/2012 (4 live)
	<ol><li>Germany, Berlin:</li></ol>	CleanTech Business Park Berlin;	06/2013 (3)
	Germany, Munich:	Munich Network - Cleantech	64
St Istvan	12. Hungary, Budapest:	Budapest	09/2012 (4 live)
University	<ol><li>Norway, Oslo:</li></ol>	OREEC cluster	06/2013 (3)







## Workshop 2: Handbook setup

11 May 2012, Helsinki







### Handbook setup

**GOALS** 

- Enhance awareness regarding the clean tech sector.
- Provide an easy to read guide for policy makers in developing their local and regional policy instrument that benefit entrepreneurs in the clean tech sector.







#### **STRUCTURE**

#### Introduction

- Clean tech innovation
- Methodology
- Case studies
- How to support clean tech in your region
- Conclusion and recommendation







### Handbook setup

#### 1. Definitions

#### WHAT IS CLEAN TECH INNOVATION:

- a) INNOVATION:
- What high tech innovation is?
- How innovation could be enhanced by policy makers?
- Description of the incubation model in the high tech field.
- b) CLEAN TECH
- What is clean tech?
- Which are the fiels?







2. Methodology

#### CASE STUDIES APPROACH:

- a) Literature research:
- Europe
- US [TO DISCUSS]
- b) Internal interviews
- c) External interviews







### Handbook setup

3. Case studies

#### CASE STUDIES:

- Clusters [To discuss how to describe them. Does we need a format?]
- Startups [TO DISCUSS]
- Failures [TO DISCUSS]
- Benchmarking







4. How to support clean tech

#### Strategies to support clean tech' SME

- Create an incubator: steps to set up an incubator
- Realizing accessible and affordable office space
- Attracting specialized business consultant
- Attract cleantech venture funding
- Creating fiscal and financial advantages
- Other emerging from interviews
- What not to do [TO DISCUSS]







#### Handbook setup

Next steps

What kind of handbook we want?

How detailed should it be?

- No time to discuss this, therefore we will do it during the September meeting.
- In the meantime each partner should share a 1 or 2 handbooks they appreciate as an example within June.







Discussion

- In the inventory we should also include example from US? If we do, who is going to do the desk research?
- Does we need a format to describe case studies?
- Should we include failures as example?
- Should we include also national policies apart from regional ones?
- Remarks on the handbook setup content and structure?





