



norden

Nordisk Ministerråd

“Initiate”
“Facilitate”
“Catalyze”

Workshop on how to realize the full potential of the bioeconomy

11 December 2013, 09:00-16:00

Tvåpalatset, S:t Paulsgatan 29, Stockholm





78 resource persons from 7 countries meet at a workshop in Stockholm. To explore opportunities for realizing the full potential of the bioeconomy in the Baltic Sea Region

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Morning Session

- 08:00 - 09:00 Registration and coffee
- 09:00 - 09:20 Opening speech by **Eskil Erlandsson**, the Swedish Minister for Rural Affairs
- 09:20 – 09:25 Presentation round and today's program
- 09:25 - 09:45 Review of possibilities, the potential of new products and markets and stock-taking of biobased-solutions in the Baltic Sea Region by **Helge Sigurd Næss-Schmidt**, Director, Copenhagen Economics
- 09:45 - 10.30 7 short presentations - Review of possibilities and new value chains and stock-taking of bio-solutions in the Baltic Sea Region. Regional Development – **Hans Jørgen Jensen, LAG Secretariat**. Protein Value Chain – **Knud Tybirk, Agro Business Park**. Phosphorous Value Chain – **Gitte Holton Rubæk, AU**, Blue Value Chain – **Helge Paulsen, AG-Fisk**, Green Value Chain – **Katrine Hahn Kristensen, SNS**. Brown Value Chain – **Olav Rasmussen, Blue Planet Innovation**, Innovative Financing – **Thomas Norrby, SLU**
- 10:30 - 11:00 Coffee break
- 11:00 - 11:50 **1st working group session**. Where do the participants see the greatest potentials? Which activities would make the Baltic Sea Region to the European center of bioeconomy?
- 11:50 - 12:15 Presentations in plenary and discussions of the activities prioritized by the working groups
- 12:15 - 13:15 Lunch

Afternoon Session

- 13:15 - 14:00 Funding perspectives on the bioeconomy cooperation in the Baltic Sea Region. **Thomas Winther**, Innogate/Advisor to NCM on EUSBRS
- 14:00 - 14:15 Presentation of the project opportunities prioritized at the morning working group session, and introduction to the 2nd working group session – the “project match making” – where the participants can choose working groups based in individual interest
- 14:15 - 14:30 Coffee break
- 14:30 - 15:30 **2nd working group session.** Development of action plans in the working groups, plan for how the projects can become reality. What will we do to contribute towards developing the bioeconomy in the Baltic Sea Region?
- 15:30 - 15:45 Presentations in plenary of selected future projects – the possible Flagship projects?
- 15:45 - 15:55 **3rd working group session.** How can the Nordic Council of Ministers catalyse and facilitate to realize the potential of a green transition and strengthening of the bioeconomy in the Baltic Sea Region, and evaluation of this workshop.
- 15:55 - 16:00 Closing remarks.



Presentations from the workshop are available at:
<http://www.norden.org/da/nordisk-ministerraad>





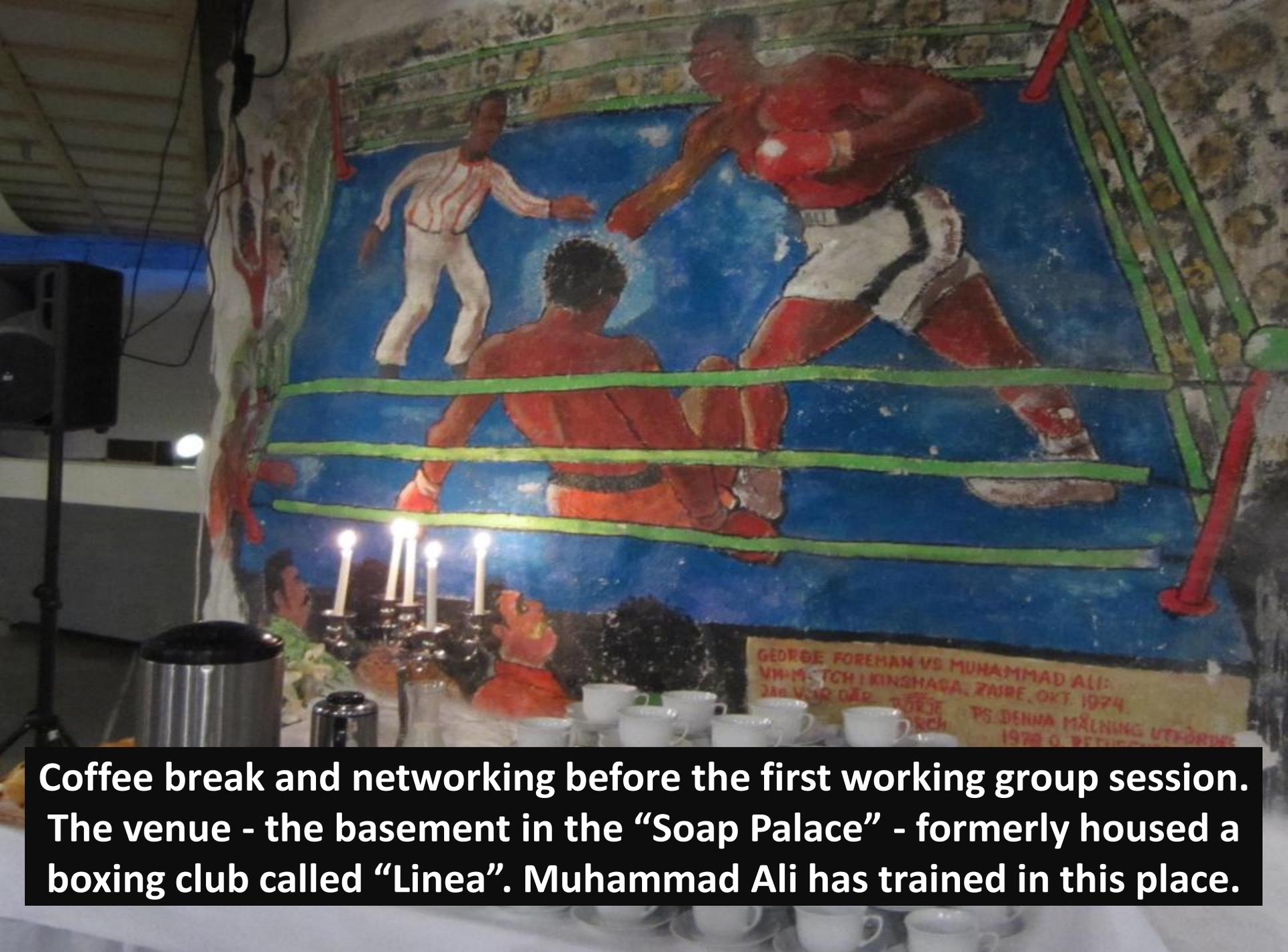
Seven 5 Minutes Elevator Pitches

“Where do we see the greatest opportunities?”

“Where can cross sectoral approaches create value?”

5 Minutes “Elevator Pitches” presented by:

- Regional Development – Hans Jørgen Jensen, LAG Secretariat
- Protein Value Chain – Knud Tybirk, Agro Business Park
- Phosphorous Value Chain – Gitte Holton Rubæk, AU
- Blue Value Chain – Helge Paulsen, AG-Fisk
- Green Value Chain – Katrine Hahn Kristensen, SNS and Lars Lagerström, Swedish Forest Industries Federation
- Brown Value Chain – Olav Rasmussen, Blue Planet Innovation
- Innovative Financing – Thomas Norrby, SLU



Coffee break and networking before the first working group session. The venue - the basement in the "Soap Palace" - formerly housed a boxing club called "Linea". Muhammad Ali has trained in this place.

1st Working Group Session – Mixed groups

Where do we see the greatest potentials?



Which initiatives would make the Baltic Sea Region the European centre of bioeconomy?

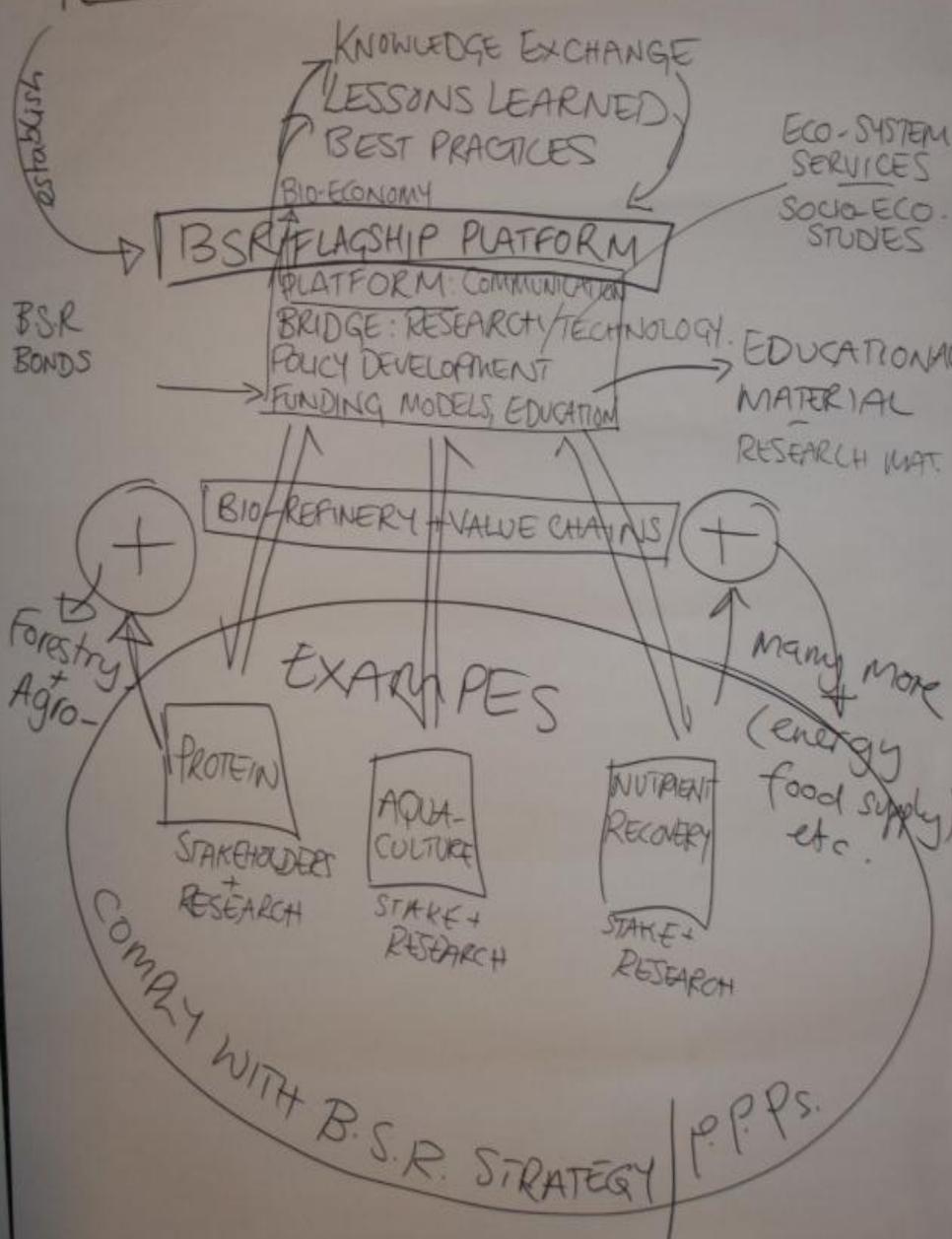


Organisation of the group work:

1. Have we understood the challenge?
2. Individual brainstorm.
3. Individual prioritisation.
4. Presentation, one Post-It per person.
5. Group brainstorm and prioritisation.
6. Preparation of poster for plenary.



BASED ON PREVIOUS EXPERIENCES
(I.E. DO NOT RE-INVENT THE WHEEL!)



“Where do we see the greatest potentials?”
Posters from the groups presented in plenary

Notes from 1st Work Session Results – 1 of 3

Projects/initiatives/activities we believe could turn the Baltic Sea Region into the European centre of bioeconomy:

- Establish a Bioeconomy Baltic Sea Region Panel, in view of creating policy coherence, innovative finance solutions, business driven approaches, e.g. for protein and sustainable forestry. With basis in local and regional approaches.
- A flagship platform, a framework for policy development and more.
- Identify and develop political and innovation action, set political goals, define a project identifying the barriers for developing “the Bioeconomy Green Valley”.
- Establish a Macro Regional Bioeconomy Centre, with mapping capacities. Facilitate match-making centre across borders, an umbrella organisation. Develop a Nordic Charter for Bioeconomy.
- Ensure the “where are we – where do we want to go?” mapping.

Notes to 1st Work Session Results – 2 of 3

Projects/initiatives/activities we believe could turn the Baltic Sea Region into the European centre of bioeconomy:

- Strive to develop the Baltic Sea Region as a EU Model Region for bioeconomy. Develop the strategy, establish the council, where project ideas could fit in. Way to access EU funding.
- Develop innovative financing mechanisms, e.g. (local) crowd funding, linking risks and benefits, getting peoples involved.
- Holistic forestry. Organize a place where the different stakeholders can meet, exchange and share.
- Sustainable transportation. Work for “transport and logistics for life”.
- Baltic Green Gold. Develop the protein projects.
- Sea & Forest. Develop the microalgae, fish, cellulose, lignin and others things the two sectors have in common.

Notes to 1st Work Session Results – 3 of 3

Projects/initiatives/activities we believe could turn the Baltic Sea Region into the European centre of bioeconomy:

- “Sustainable bioenergy” – 2nd and 3rd generation biofuels. The link to agriculture important, fertilizers also. It is important to have biotechnology integrated.
- Protein projects, phosphor, agriculture projects – in compliance with BRS strategy, OPP projects defined.
- Define a Communication Strategy for transparent local bioeconomy planning.



Preparing for the 2nd Group Session

Which of the 8 themes has my greatest interest?



“Match Making – Action Initiative Dating”

The 14 initiatives merged into 8 themes – Select according to your personal interest

1. Bioeconomy cooperation platform/structure, mapping.
2. Policies, strategies and policy coherence.
3. Business models. Matchmaking, public-private, private-private.
4. Baltic Sea Region Bioeconomy cluster – “Silicon Valley Cluster”, Baltic Green Gold – Forest & Sea.
5. Financing bioeconomy solutions, innovative funding, OPP, crowd funding.
6. Bioeconomy communication strategy.
7. Protein, phosphor and nutrient cycles.
8. Bioeconomy for local and regional development.



2nd Working Group Session

Development of the action initiative application

Suggested format:

- Descriptive Title (5-10 words).
- Short description of actions (5-10 lines).
- Project Partners (key partners and other partners).
- Targets, activities.
- Timeline with milestones.



TITLE: BSR Bio-Economy Initiative

Preliminary results from the thematic groups, possible applications underway (1 of 2)

Description:

Initiate and mobilise
stakeholders towards bio-economy
actions and application for BSR Territorial
Program
Creating a facilitating support
tool for thematic actions (actions to be

1. Target: Paper preparation ^(teaser) + meeting / seminar ^{run by others}
 2. Target: Apply for 1. stage application ^{+ mapping}
- Encourage ~~more~~ 7-10 concrete actions ~~to~~ realise ~~and~~ for maturity

Timeline = April 2014

Establish a
Macro-Regional
Bioeconomy Centre



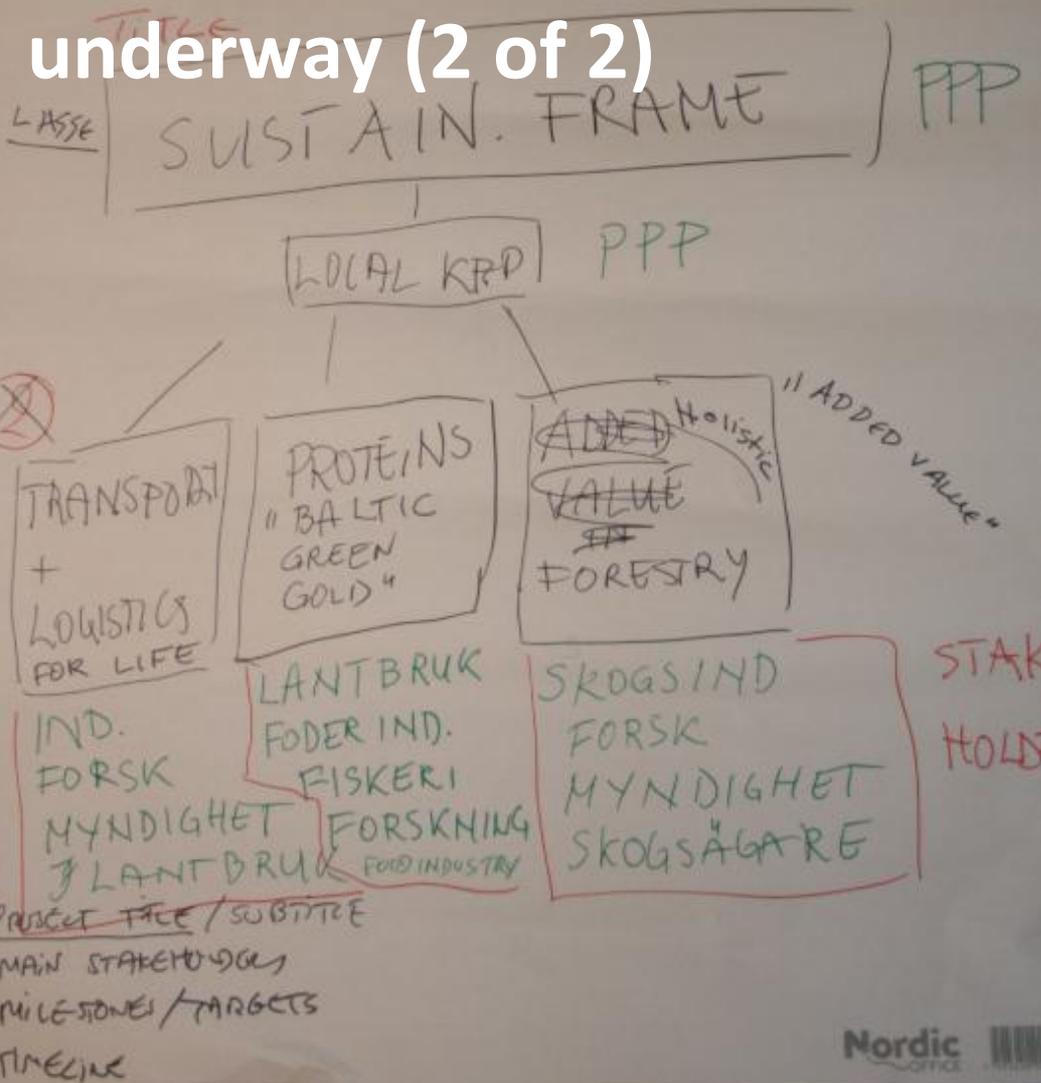
- Aims:
- Make mappings of BSR bioeconomy resources & potential (people/ideas/products/resources)
 - Create matchmaking capacities
 - Act as umbrella org. for local & regional bioecon. org's

- Formulate Nordic/Baltic Bioeconomy charter & promote via signatories & stakeholders

Holistic use of resources

Matchmaking across borders

Preliminary results from the thematic groups, possible applications underway (2 of 2)



- ❑ “Baltic Sea Region Bioeconomy Initiative”, creating a facilitating support tool for thematic actions. Application for the Baltic Sea Region Territorial Program.
- ❑ Establishment of a “Macro Regional Bioeconomy Centre”
- ❑ Best practices around the Baltic Sea shared, transferred, technology and science, and not the least resources.
- ❑ “Need for new narratives”: What does the local bioeconomy balance sheet look like?
- ❑ Project concept: “What would consumer and business driven bioeconomy look like”.

3rd Working Group Session

“Your advice please”

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“How can the Nordic Council of Ministers facilitate the activities you recommend, how can we move towards making the Baltic Sea Region the European center of the bioeconomy?”

“NCM has funding for 3 workshops in 2014 – how should they be organised?”



Suggestions from the groups: How can NCM facilitate bio-economic initiatives in 2014

Suggestions as written down during discussions in plenary:

- “We should make use of these participatory methods, pushed even further”
- “Distribute the list of participants in advance, to get ideas going between us”
- “The organisers should make summary of what we produced today, as input”
- “Consider inviting a broader participant base, more variety”
- “I would like to have more business people, listen to their success stories”
- “Consider working a bit more thematic, without losing the integration between the sectors. Go deeper into the themes, more thematic, and organised in the same way, with participatory techniques”
- “Should we be less people, smaller groups? What would be the concrete activities of each participant if we worked with smaller groups?”
- “We should involve civil society”

Further suggestions and comments are most welcome!

What did we do well, how can we do better?

Closing Remarks by Mads Randbøll Wolff, Nordic Council of Ministers



Thanks for your active participation, knowledge sharing
and engagement in the workshop.
Hoping to see you in 2014