

Programme Thursday 11/9/2014, afternoon session

Upgrading waste materials – Push and Pull

	Chairman Bo Svedberg	
13:55 – 14:10	Else Peuranen, Finnish Ministry of Environment	Recovery of waste in earth construction
14:10 – 14:25	Geert Cuperus FIR – Fédération Internationale du Recyclage	C&DW recycling - Issues in Europé
14:25 – 14:40	Bo Svedberg - Ecoloop, Sweden and Graham Aid - Ragn-Sells AB.	Introduction to the Optimass and SimmCenter cluster projects
14:40 – 14:55	Margit Rüütelmann, Estonian Waste Management.	Estonian Waste Recycling Cluster – driving force for recycling
14:55 – 15:15	Ditte Juhl – KTH, Sweden and Sandra Frosth - Ecoloop.	Assessment of ICT Tools for Management of Heavy Construction Materials, Equipment and technology for handling surplus soils and aggregates
15:15 – 15:30	Ott Talvik, Tallin University of Technology.	From C&D waste to material with good field performance
Questions and Coffee break		

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15:50 – 16:05	Göran Lundberg, City of Malmö	Malmö – Urban Development today and in the future
16:05 – 16:10	Paavo Härmä, Geological Survey of Finland.	Short presentation of ASROCKS Life project
16:10 – 16:25	Arina Koroljova, Eesti Energia.	OSAMAT- Oil Shale Ash Use in Road Construction
16:25 – 16:40	Tarja Niemelin, Ramboll Finland.	Life Cycle Analysis (LCA) in the ABSOILS project
16:40 – 17:00	Wrap-up panel, questions and discussion	
19:00	Meeting at Kauppatori	
19:30	Dinner at Suomalinn, Café Chapman	
21:00	Return to the centre by ferry	

From push to pull



Source: Cordellblog, 2014

Pull - save millions and CO₂!



Sources: Tyresö Kommun

Pull – technologies and new solutions!



Source: Josef Maccik

Optimass – Multidisciplinary





Forskningsrådet Formas

Formas främjar framstående forskning för hållbar utveckling



Linköpings universitet



- Ett företag i SSAB-koncernen -



Tillväxt, miljö och regionplanering



EESTI JÄRTEHÄLLEJÄRTE LIT



PLAN. SCHEDULE. CONTROL.

Massabyte.se



ADVANCED TECHNICAL CONSULTING



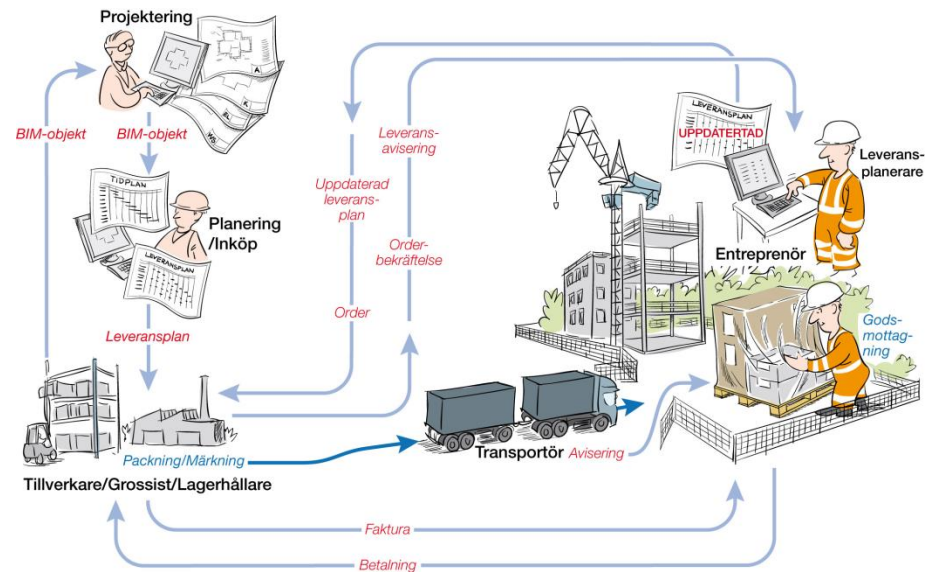
En del av kretsloppet

WP 1: Sorting and steering

- Management on site
- Standards for exchange of information
- Mass/unit positioning
- Effective steering



Source: Optimass.se



Source: Bygghansens elektroniska affärsstandard, BEast

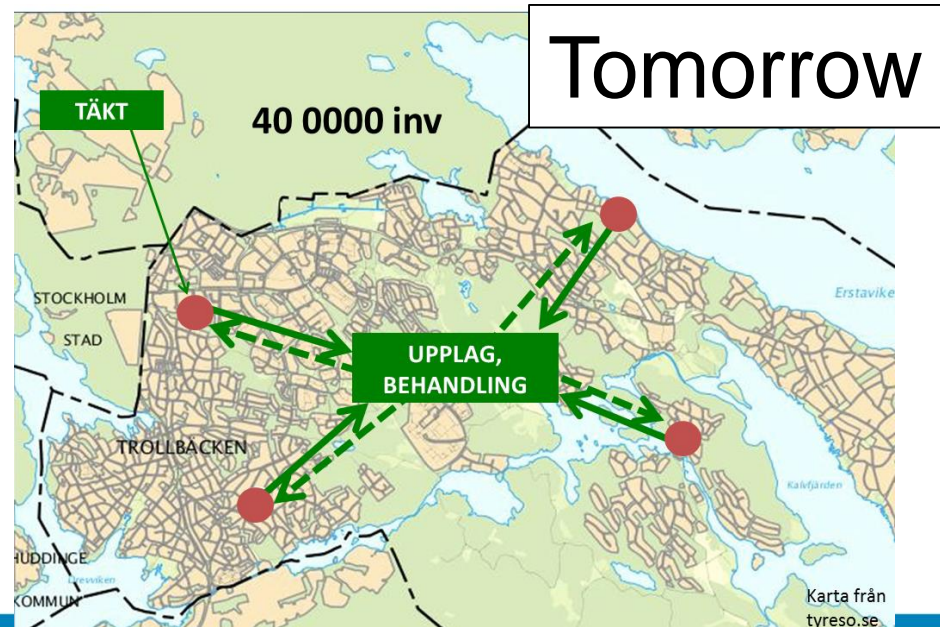
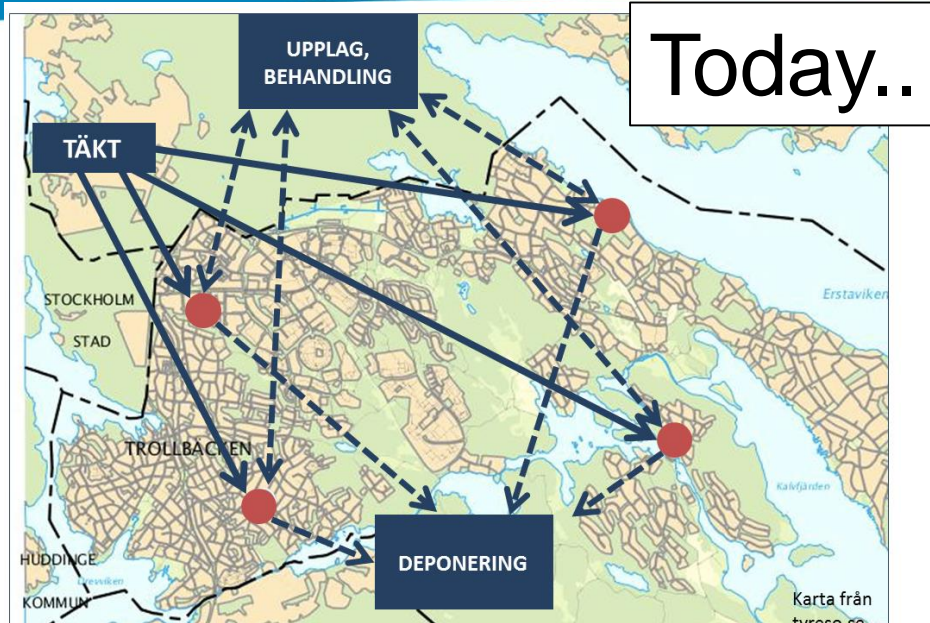
WP 2: Use, classification and upgrading

- Applications, functions and materials
- Demo processing techniques
- Geostuctures and acceptance
- Classification, Technology/ Environmental
- Automated system for classification



WP 3: Public and private material management

- Dynamic use of locations for material handling
- Stakeholder conflicts
- Mass balance in a region, 15-20 years
- Scenario Studies / support for location selection
- Model for localizing appropriate surfaces for material handling



Panel discussion

Actor:

1. Finnish Ministry of Environment
2. City of Malmö
3. Fédération Internationale du Recyclage
4. Eesti Energia
5. Ramboll Finland
6. Ragnsells
7. Estonian Waste Management
8. KTH
9. Tallin University of Technology
10. Geological Survey of Finland

Questions:

1. What are the biggest challenges for the ministries of environment?
2. How could we engage municipalities to discover the benefits of working with material management?
3. How can recycling companies go from a push to pull market strategy?
4. What do you have to do to increase market demand?
5. Could such LCA be used for strategic regional planning to motivate use of excess soil and rock?
6. How can you go from push to pull?
7. Do you think the driving forces for recycling are similar in other baltic regions?
8. Starting from your study, what would you say are the largest knowledge gaps regarding excess material flows?
9. What is your primary challenge, in order to facilitate the use of excess materials?
10. What is your perspective on excavated rock? Do you only consider rock from extraction in quarries or do you also look at rock from construction?

Actors in the construction/demo planning process.

Who needs to be involved? What are their needs?

