AGENDA

• 10.00 - 10.10
Welcome note – RISE research team

• 10.10 - 10.45
Project Findings – RISE research team

• 10.45 - 12.00
Feedback from the PROCEED consortium with Q&A – Helsinborgs stad, Jönköpings kommun, Luleå kommun, Växjö Kommun, RISE AB-Koncerninköp

• 12.00 - 12.40
LUNCH

• 12.45 - 13:05
An International view on circular procurement by IEMA (Institute of Environmental Management & Assessment) – Marc Jourdan

• 13:05 - 13:25
A private sector perspective: Brighteco (2P1) – Joel Smedberg

• 13:25 - 14:00
Case study: The “Cirkulära Skåne” project – Helena Nilsson

• 14:00 - 14.20
FIKAPAUS / COFFEE BREAK

• 14.20 - 14.45
A private sector perspective: Beleco AB – Sebastian Rudenstam

• 14:45 - 15:20
Roundtable discussion: Challenges & Way forward in Circular Public Procurement – All

• 15.20 - 15.30
Wrap up and Goodbye – RISE research team
THANK YOU ALL!
The project parties

- RISE AB
- Växjö kommun
- Luleå kommun
- Jönköpings kommun
- Helsingborgs stad
- RISE AB - Koncerninköp
- Sveriges Ekokommuner
- SKL
- Redaktör hos SOI
- Other Public Authorities
- Research team
- Consortium
- Reference Group / Interested parties
- Jönköping kommun
- Helsingborgs stad
- Other Public Authorities
Public PROcurement with a Circular Economy EDge

- Vinnova funded prioritised programme “Cirkulär och biobaserad ekonomi. Från teori till praktik”

- IDEA: The Public Sector can play a pivotal role in CE transition
  1. Public procurement is a key activity
  2. Investigate Circular Public Procurement dynamics (CPP) for opening up the market for higher resource-efficiency via CPP
  3. Combine (circular) management tools & standards in an innovative way

- AIMS:
  1. Enable public authorities to use CPP proactively to drive CE and at a sufficient speed
  2. Test a new managerial CPP toolbox
  3. Broad communication and Dissemination

- OUTPUTS: CPP toolbox; Recommendations for practitioners: Opinion Paper
Circularity Indicators


✓ The project builds up on **previous successful projects** on circularity indicators

✓ Tested a **potential circularity indicator** with 18 firms and compared them with Life-Cycle Assessment indicators for products

✓ One indicator has provided a **clear and positive correlation** ($r \approx 0.87$) between higher degree of circularity and **environmental performance** (relative to product category)

✓ Well received as **key tools** to support their sustainability + circular ambitions

Environmental Management Systems & Standards

✓ Vinnova funded TRACE via EMS project

✓ An ISO 14001 led EMS will not generate proactive CE exploration on its own

✓ Business leadership has to have CE interest / ambition and desire to see the EMS become a core driver

✓ ISO 14001 has plenty of hooks that can enable it to be used effectively by an organisation as part of its CE activities

✓ Components of BS 8001’s guidance can act as a catalyst around

✓ Managerial recommendations for ISO 14001 certified companies transitioning to a CE
Dec. 18

WP 1. Literature review elaboration & CPP mgmt toolbox

WP 2. Assessment of CPP Practice

WP 3. Trial of CPP

Feb. 20

WP 4. Analysis, Dissemination & Communication

WP 5. Project Management

Work Packages
PROCEED

- 4 workshops
- 3 rounds of coaching sessions (F2F, phone, online)...
- for a total of about 30 sessions
- Opinion Paper
- Guest Speakers from the research team
- White Paper
- Circular Procurement: RISE “Area of expertise”
- “Homework”
- A CPP toolbox + Action Plan
How to measure circularity?

Robert Boyer
Three Dimensions of Product Circularity

- **Recirculation**: How much of a product’s component material comes from or returns to recirculation pathways like reuse, remanufacturing, or recycling?

- **Longevity**: How long does a product remain in use?

- **Intensity of Use**: How much or how often is a product used during its functional lifespan?
Features of Good Indicators:

**Objectivity**
- Reliability: Are the results the same after every test, no matter who applies it?
- Accuracy: Do the results reflect the phenomenon you’re trying to indicate?

**Practicality**
- Is the test easy to apply?
- Does applying the indicator correctly require...
  - ...specialized training?
  - ...data that is difficult to access?
  - ...an expensive tool?
<table>
<thead>
<tr>
<th></th>
<th>Subjective Metric</th>
<th>Objective Metric</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>The level of circularity expressed can vary based on the person applying the metric. i.e. it involves interpretation or a “best guess”</td>
<td>Expresses the same level of circularity, no matter who applies the metric.</td>
</tr>
<tr>
<td><strong>Demanding calculation</strong></td>
<td>Applying the metric requires training and access to detailed data.</td>
<td><strong>Very accurate and consistent, but requires training or detailed data to apply.</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Extremely detailed, but very time-intensive and nearly impossible to replicate.</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Simple calculation</strong></td>
<td>Can be applied with little to no training, and limited data.</td>
<td><strong>The goal! But is it possible?</strong></td>
</tr>
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<td><strong>Very simple to apply, but might not describe circularity accurately or consistently.</strong></td>
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Three Dimensions of Product Circularity

- Green = Indicator measures this well.
- Yellow = Indicator measures this incompletely or subjectively.
- Red = Indicator is not focused on this dimension at all.

Recirculation
- How much of a product’s component material comes from or returns to recirculation pathways like reuse, remanufacturing, or recycling?

Longevity
- How long does a product remain in use?

Intensity of Use
- How much or how often is a product used during its functional lifespan?
Circular Economy Toolkit (CET)

Advantages
• Free web tool
• Requires no calculations or additional data
• Identifies potential for improvement

Disadvantages
• Very subjective questions.
• Results depend on the judgement of the individual completing the questionnaire
Circular Economy Indicator Prototype (CEIP)

Advantages

• Free spreadsheet model
• Requires no calculations or additional data
• Determines an overall score and scores across different categories

Disadvantages

• Categorical questions. Semi-objective.
• Category weights determined by an expert panel.
Material Circularity Index (MCI)

Advantages
• Free spreadsheet model
• Comprehensive, includes multiple dimensions of circularity

Disadvantages
• Requires specific data about many categories that likely require additional calculations, outside the tool.
• Some elements of the metric involve “best guesses” about how long products will last, for example.
C-Metric

Advantages
• Accurate and objective measurement
• Expressed in a single score, on a continuous scale
• Independent correlation with lifecycle analysis

Disadvantages
• No existing web tool, requires manual calculation
• Requires specific data. Sometimes proprietary.
• Very time-intensive for complicated products
• Does not explicitly consider how the product is used or different ownership models

\[ c = \frac{\text{economic value of recirculated parts}}{\text{economic value of all parts}} \]
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**Demanding calculation**
Applying the metric requires training and access to detailed data.

- **Deep Ecology**
  - Arne Naess
- **A Sand County Almanac**
  - By Aldo Leopold
- **C-metric**
  - Linder, Sarasini van Loon (2017)
- **Longevity Metric**
  - Johnson, Figge, and Canning (2016)

**Simple calculation**
Can be applied with little to no training, and limited data.

- **CEIP**
  - Cayzer et al (2017)
- **CC**
  - Ideal & Co Explore
- **Material Circularity Index**
  - Ellen MacArthur Foundation + Granta
- **CET**
  - Evans and Bocken (2003)
- **U-metric**
  - RISE Sustainable Business
PROCEED

Main findings

Mats Williander
Has PROCEED been successful?

• YES – We in the project consortium have learnt a lot

• YES – The two guiding documents “Toolbox for CPP” and “Action plan for CPP” have been developed in a true spirit of co-creation between researchers and municipality representatives

• NO

• No participant could implement a “true” circular procurement as hoped for the following reasons:
  – Project time was too short in relation to the procurement time required for CPP the first time
  – Suppliers were adverse to the circularity metric, which hence wasn’t implemented
  – The circularity metric was only suitable in some cases – metrics for the other dimensions were not in place
  – The CPP process itself showed not to be the main issue. It has therefore, only been partly tested and validated
4 identified significant issues for CPP

- CPP needs standardised metrics for the three dimensions of CE on - at least - a national level
- CPP options for actors in the supply-chain – let them choose!
- Public sector’s internal challenges
- LOU vs. PSS procurement
Historiskt sett har landers regeringar haft en fundamentalt viktig roll i att etablera viktiga mått. Ta en så enkel sak som att mäta sträcka. Fram till 1600-talets slut var en mil olika lång i olika delar av Sverige. Smålands milen var kortare än västgötamilen som i sin tur var kortare än dalamilen. Smålandsmilen var mindre än hälften av en dalamil.


Åsa Domeij och Delegationen för cirkulär ekonomi borde ges uppdraget, inte minst med tanke på att de redan har fått uppgiften att utarbeta en strategi för skiftet till cirkulär ekonomi. En sådan strategi utan en plan för hur en objektiv mätning skall komma till stånd kan ändå aldrig bli trovärdig. Och Upphandlingsmyndigheten skulle kunna ges uppdraget att säkerställa att hela den offentliga sektorn använder måtten
Different options at different actors

- The OEM has a key role for CE
  - Decide product attributes, spec. etc.
  - Decides on flow-based or stock-based Business Model
- Supplier options are limited by the OEM
- Dealer/Distributor/Retailer options are also limited by the OEM
How many metrics can be put on the supplier to measure - willingly?

Big international producers of textiles

Big international manufacturers of garments

Energi och klimat
Arbetsrättsliga villkor
Miljömål och miljöaspekter
Hållbarhetskrav

Raw Materials
Supplier
Manufacturing
Distribution
Customer
Consumer
Designing clothes
Retailing
There might be other ways to start the shift to CPP.

The distributor / retailer can initiate a shift to higher circularity by for ex. Offering to mend and wash clothes, etc.

They may have or develop such skills better than their customers. A retained product ownership at the distributor / retailer gives incentive to choose the clothes – wash – amend combination that is the most profitable.
PROCEED: Detailed challenges

**Organisation-internal**

- The IT dept. didn’t want old computers
  - OS upgrades drives the need to upgrade HW
  - Users often don’t want to change – job disturbance.
    - We don’t need new HW because we are faster in writing and reading. Word-95 still works for me!
  - Thought: Freeze OS and SW, and the computer will remain as fast as when new.

- Smartphones often comes with pre-configuration which only the manufacturer can do
  - Means ONLY on new phones
    - Can be seen as customisation = not the best way in a CE. Other solutions?
  - Result: Used phones were accepted and profitable for the municipality but became impossible (at that time).

- The users (the procurement-requesting org.) are often not used to specifying function instead of product
  - Obstruct funtional / performance procurements

- Not all users embrace that in a CE, used is the new normal. Getting a new product will be the exception.
  - But we don’t expect a new bed at the hotel, a completely new rental car, new plates at the restaurant
PROCEED: Detailed challenges (cont.)

• **The PROCESS to phase in CPP**

  • Difficult to manage within a normal PP timeframe due to suppliers being unfamiliar with CE. Therefore:
    
    – Purchasing- and/or Env. dept within the municipality needs to drive a strategic project over many purchasing cycles

    – Task: Shift to CPP in the municipality, and…..

    • Collaborate with other municipalities on:
      
      – The use of common CE metrics in CPPs
      
      – Jointly, preferably business sector wise, start a shift to higher circularity

      – Start in business sectors where it shows easiest (re. Supply-chain design and negotiation power, product typology etc.)

• **Learning:** Start EARLY dialogues with suppliers (through RFI?), even **before** initiating any procurement

  – Gain insights on what is possible and what is not for the supply-chain, and why

  – From that, chose suitable procurement (product typology) and CE metric(s) to use

  – Preferably in collaboration with other municipalities
**Unsolved:** Is it possible for the public sector to buy function/performance in a circular manner?

- One needs to be able to buy function / performance
- The supplier needs to have the option to retain ownership over the function/performance delivering products
- It seems that the public sector has to renew the procurement every 4 year
- What will then happen with the previous supplier’s product fleet?
  - Is that in line with CE?
- And if those products have been “customised” (logo, pre-config. phones, special colours, etc.)
  - Is that in line with CE?

- For us in PROCEED, it is still unclear HOW a CPP of function/performance shall be made so that the CE-principles are not jeopardised
CPP in Helsingborg 2020

Or how to be confused on a higher level
The backstory 2018

Policy document on climate and energy

Ambition: contract on reconditioned services and/or previously used goods

Need for know how-competence
The babysteps 2019
The testing 2020

• Cirkulära Skåne
  • It-products, clothes, construction, profile products, sharing
  • Continued collaboration on CPP with other municipalities

Test – learn – go!
Questions for future CCP

• Upphandlingsmyndigheten, what are they doing?
• How do we best inspire the market to go from linear to circular?
• From circular to linear, procurement or organisation?
• Keep it simple!
• Work together!
Thanks for listening!

Questions?
CIRKULAR PUBLIC PROCUREMENT
Jönköpings Kommun
Reasons for joining the project

- We wanted to move towards a circular economy
- An opportunity to learn more about circular public procurement
- A toolbox for circular public procurement sounded great!
- An offer of coaching and support
The process - workwear

Different circular models:

1. Renting
2. Take back clothes
3. Repairing
4. Recycled material

Which are suitable?
- How many suppliers can offer it?
- Is it feasible in our organization?
- Can we use the C-metric?
Main lessons learnt

- The c-metric was limiting
- We needed help to assess and compare the different circular models
Results

We could not use the c-metric, but this is the outcome:

- 3 different kitchen garments in partly recycled polyester
- A contract to repair mobile phones and surf pads
Future plans

- Continuing looking for circular opportunities in coming procurements
- An environmental goal for circular economy starting 2021
- Repairing mobile phones and surf pads
- Look into what products can be used longer before they are tossed
Suggestions, main lessons learnt

- Circular public procurement needs to start in the organization – not necessarily in the procurement department
- Start with raising knowledge about circular economy in the organization
- Set circular goals
- Start small, listen to the market and be flexible when starting with circular procurement
- Measure later
Luleå Kommun

PROCEED: Circular Procurement of Workstation computers
Reasons for participation

• In line with our project: Sustainable purchases
• Wanted more knowledge about circularity
• Participate in knowledge transfer
• Circular networking
• Need for a new contract for Workstation computers
Lessons learnt - Possibilities

• Start early
• Early dialogue
• Continuous dialogue
• Functional requirements
• LCA-based requirements
• Use of contract terms
• Improved circular product design and alternatives to new purchases
• New business models that procure services and use reused IT equipment
• Influence our own organisation
Lessons learnt – Obstacles

• Lack of political initiative
• Lack of relevant standards and verification methods
• Hard-to-reach information for relevant authorities/instances
Circular Luleå?

- Continuous dialogue
- Functional requirements
- As a service

- New organization – sustainable government
- TTC: Thinking & Talking Circularity
Circular Procurement

• Increased political commitment to the importance of circular procurement
• Incentives for both producers and consumers to promote trade in second-hand products and to stimulate repairs and upgrading of products
• Support function criterias/requirements/product database
Questions?

marianne.lundberg@lulea.se

0920-45 5208
PROCEED Project

Gothenburg 25 February 2020

David Braic, purchasing manager
Växjö municipality
Why joining the project?

Mainly interest in circular procurement and how it can be used in public procurement.
Lessons learned...

• In which main product areas can circular procurement be used?
• How can evaluation be made
• Interesting invitations to workshops during the project period
• Complex topic (circular procurement)
• Change of mind set
• Implementation of circular procurement requires time and resources in a political organisation.
Future plans

• Hopefully use circular procurement to some extent and use the evaluation matrix in an actual forthcoming which includes procurement of furniture.
• Including circular procurement as a ”default check” in the purchasing process
• Connections to sustainability programs and Agenda 2030
• Information, learning and workshops within the political organisation in order to get acceptance in the long run.
• Use circular procurement more in the nearest future.
Accelerating innovation!
RISE’s Mission from the Swedish Government

“The industrial research institutes shall be internationally competitive and facilitate sustainable growth in Sweden by strengthening competitiveness and renewal in the business community.”

Excerpt from the Research Bill 2016/17: 50 (Kunskap i samverkan).
One strong, unified institute for Sweden

• Sweden needs a strong, national innovation capacity to compete on the international stage and to meet major global challenges.

• The new RISE aims to build a stronger Swedish institute sector that will actively support Swedish industry, providing increased benefits for trade and industry, and society in general.
RISE in brief

• Present across the whole of Sweden. And beyond.

• 2,700 employees, 30 % with a PhD.

• Turnover approx. SEK 3 billion (2018).

• A large proportion of customers are SME clients, accounting for approx. 30 % industry turnover.

• Runs 100s of test and demonstration facilities, open for industry, SMEs, universities and institutes (RISE is owner and partner in 60 % of all Sweden’s T&D facilities).
With our broad range of competencies and unique expertise, we create added value

<table>
<thead>
<tr>
<th>Bioeconomy</th>
<th>Fire and safety</th>
<th>Cement and concrete</th>
<th>Certification</th>
<th>Circular economy</th>
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</thead>
<tbody>
<tr>
<td>Design</td>
<td>Electronics</td>
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<td>Packaging</td>
<td>Glass</td>
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<tr>
<td>Health and Care</td>
<td>ICT and telecoms</td>
<td>Agriculture and food</td>
<td>Chemistry, materials and surfaces</td>
<td>Life Science</td>
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<td>Mechanical engineering</td>
<td>Mechanics</td>
<td>Metrology and measurement technology</td>
<td>Paper and Pulp</td>
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<td>Process development</td>
<td>Built environment</td>
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<td>Wood</td>
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<td>Production</td>
<td>Corrosion</td>
<td>Work environment</td>
<td>Composites</td>
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<tr>
<td>Manufacturing processes</td>
<td>Metals</td>
<td>Additive manufacturing</td>
<td>Casting</td>
<td>Textiles</td>
</tr>
</tbody>
</table>
• Public procurement since 2018
• Close cooperation with the environment and quality department
• Three different levels of environmental and quality requirements
• Evaluated by the Environment and Quality Department
Procurement of reused furniture

• In 2018 RISE bought furniture for SEK 4.3 million.

• Aim - To increase the purchases of reused furniture.
Definition of recycled furniture in the procurement:

- The furniture have been used by a former owner.
- 60% of the furniture have been used. Some processing such as repainting, replacement of fabric or single spare parts is allowed.
- For tables, either the table top or stand must be reused/used.
Mandatory requirements

• The furniture must be in good condition or as new
• 2 year warranty
• The supplier shall be able to provide advice, repainting, change of fabric
Evaluation criteria

- Tender price for furniture to three example rooms
- Assessment of quality, function and aesthetic expression of the example rooms
- Rent of furniture
- Repurchase of furniture
- Traceability
- Interior design help
- Circular factor
Evaluation

• Evaluation according to the value added model
• Two tenders - both highly fulfilled the evaluation criteria.
• Contracts were signed with a supplier on October 1, 2019
What’s next?

• Spread the word / information

• Centrally decided guidelines?

• Evaluation of the agreement / statistics

• Change in behavior
TACK!

Ulrica Carlsson, Upphandlingsledare
Anders Post, Jurist

Research Institutes of Sweden
RISE Koncerninköp / RISE Juridik
LUNCH!

See you back here at 12:45
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RISE - PROCEED Workshop
Gothenburg
25.02.2020

Marc Jourdan
Policy & Engagement Lead- IEMA
m.jourdan@iema.net
We cannot create more business value through sustainability without involving the supply chain, which is where, for many, the majority of risks and opportunities lie. This is one of the most important sustainability interventions we can all make.”

Phil Cumming
FIEMA, Contributior to BS 8001 and Director, Koru Sustainability

“Global savings of a trillion dollars (US) a year by moving towards a circular economy are estimated to be achievable by 2025 “

Ellen MacArthur Foundation, 2014,
Towards the circular economy – Accelerating the scale-up across global supply chains

Source: K. Raworth Doughnut Economics: Seven Ways to Think Like a 21st-Century Economist.
IEMA Resources – EMS and sustainability

Environmental Management Briefing:
Driving Sustainable Resource Management through ISO 14001

Future Megatrends
How to Identify and Integrate These into Your Environmental Systems

Driving Climate Actions through Environmental Management Systems

June 2017

An IEMA Climate Change and Energy Network Initiative with support from True North Sustainability
Most organisations rely heavily on their supply chains to deliver what they do, typically 40-80% of an organisation’s revenue will be diverted to a supply chain.

By following a three-year sustainable procurement programme based on BS 8903, United Utilities delivered financial savings in excess of £6M, improved procurement staff awareness by 100%, leading to improved retention and achieved global leadership status in the Dow Jones Sustainability Index, improving shareholder confidence.
TRACE EMS

– ISO 14001:2015, as the global standard for environmental management systems, could be a catalyst for CE transition if it were used slightly differently, possibly with ‘plug-ins’ from the British CE standard BS 8001:2017.

– TRACE EMS project - TRAnsitioning to a Circular Economy via Environmental Management Systems:
  • RISE project (October 2017 - August 2018);
  • Collaboration with two companies: Volvo and IT financing company 3 STEP IT
  • Standards expertise on ISO 14001 (Raul Carlsson, from Swerea SWECAST) and BS 8001 (Josh Fothergill – IEMA member and former Policy Lead).
Standards and the Circular Economy

- **BS 8001:** [https://bit.ly/2vPyzCs](https://bit.ly/2vPyzCs)
- World first (developed by IEMA members)
- Published in May 2017, BS 8001 is the first practical framework and guidance of its kind for organizations to implement the principles of the circular economy and has been written in way so that it can be used wherever they are in the world.
- It is intended to apply to any organization, regardless of location, size, sector and type.
Standards and the Circular Economy

ISO standard on Circular Economy: in development

• ISO/TC 323, Circular economy, is currently made up of experts from over 65 different countries and growing.

• Obj: Intends to produce a set of internationally agreed principles, terminology, a framework of what a circular economy is, and develop a management system standard. It also will work on alternative business models and method for measuring and assessing circularity.

• Focus: aims to cover all aspects of a circular economy including public procurement, production and distribution, end of life as well as wider areas such as behavioural change in society, and assessment, such as some kind of circularity footprint or index (will contribute directly to SDGs)
ISO standard on Circular Economy

**Contribution:**
- Field experts or other parties interested in getting involved in the committee should contact their national ISO member.
- Drafting will commence at the next ISOTC323 meeting, which will be held over 4 days in Tokyo (15-18 June, 2020).

**Structure of the standard:**
- BS8001's content is still very much in the mix for being a key contributor to this first ISOCT323 draft standard, but there are other ideas and perspectives which will mean that in all likelihood there will layers of Principles, perhaps behaviours, organisational, operational, etc.
Thank you!

Marc Jourdan
IEMA Policy & Engagement Lead
m.jourdan@iema.net
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Recycled light-as-a-service
Purpose
Lighting as-a-service
Focus on schools

Office:
- 37% T8-fixtures
- 46% Lightbulbs
- 17% Other lighting
- 14%

Schools:
- 27% T8-fixtures
- 59% Lightbulbs
- 18% Other lighting

Medical:
- 18% T8-fixtures
- 26% Lightbulbs
- 56% Other lighting

84
Procurement of lighting-as-a-service
Bollnäs Kommun

- **Condition**
  - Light affects *more departments* than technical ones
  - Municipality lack of sufficient knowledge on innovative procurement (for ex. how do we give everyone the chance to bid?)

- **Preparatory-work for procurement**
  - Possible because of *support* with resources from “Procurement-driven innovation for regional growth”, Region Gävleborg
  - Suppliers invited from the start for *dialogue on requirements*. 
Procuring lighting-as-a-service
Bollnäs Kommun

- **Procurement**
  - When *requirements* were set, procurement was conducted according to LOU

- **Delivery and payment**
  - Deliver and pay batches in consultation with the municipality (*Just in time*)
  - Responsibility for the “whole” together with clients
  - Delighted and satisfied users in the classroom

- **Follow-up**
  - Running in parallel with delivery, e.g. we can continuously work on improvements and upgrades!
Satisfied stakeholders and continuous deployment
What is difficult about selling innovation to the public sector (like SMEs)?

- Who has responsibility and mandate to decide / start procurement / test?
- Who is responsible for understanding needs (across the organisation?)
- Entrepreneurs’ knowledge of needs beyond users (what does the technical manager need and what framework is (s)he striving for?)

- Explaining how the possible value of innovation can contribute to those responsible for meeting business needs
- Calculate the value of innovation (does it create value in several chains?)

- Time to answer yes/no questionnaires
- Financing for companies to create and process yes/no tests
- Presumed potential risks with the suppliers - such as fines, or abrupt termination of contract in case of problems.
Proposed focus (public sector) that wants to trade innovation / function

- What effect do you want to have?
- Which frames do you want the solution to stay within?
- How do you measure that effect?
- Who is responsible and decides in the order?
- Work agile, develop order / delivery continuously with supplier / user?
AGENDA

• 10.00 - 10.10
Welcome note – RISE research team

• 10.10 - 10.45
Project Findings – RISE research team

• 10.45 - 12.00
Feedback from the PROCEED consortium with Q&A – Helsinborgs stad, Jönköpings kommun, Luleå kommun, Växjö Kommun, RISE AB-Koncerninköp

• 12.00 - 12.40
LUNCH

• 12.45 - 13:05
An International view on circular procurement by IEMA (Institute of Environmental Management & Assessment) – Marc Jourdan

• 13:05 - 13:25
A private sector perspective: Brighteco (2P1) – Joel Smedberg

• 13:25 - 14:00
Case study: The “Cirkulära Skåne” project – Helena Nilsson

• 14:00 - 14.20
FIKAPAUS / COFFEE BREAK

• 14.20 - 14.45
A private sector perspective: Beleco AB – Sebastian Rudenstam

• 14:45 - 15:20
Roundtable discussion: Challenges & Way forward in Circular Public Procurement – All

• 15.20 - 15.30
Wrap up and Goodbye – RISE research team
Cirkulära Skåne

Cirkulär upphandling – en motor för hållbar utveckling!
Det här är Cirkulära Skåne

• Syftar till att stötta sex skånska kommuner i cirkulär upphandling (Eslöv, Malmö, Helsingborg, Höör, Ystad och Trelleborg)

• Drivs av Hållbar Utveckling Skåne och IUC Syd

• Pågår 2019-2021

• Finansieras av Europeiska regionala utvecklingsfonden
Cirkulära Skånes process

Gemensam workshop

Arbete med kravställning

Dialog med aktörer (tex marknaden)
Områden vi arbetar inom

Arbetskläder/textil
Bygg
Delning
Fossilfria fordon
IT
Mat och förpackningar
Profilprodukter
Övergripande principer
Kemikalier
Arbetskläder- cirkulär potential

• Materialval
• Längre garantier och möjlighet att reparera
• Standardisera och slimma sortimentet
• Återbrukade kläder
• Transporter

Kommunikation och kunskap är en viktig faktor för att lyckas
Slutsatser från Cirkulära Skåne så här långt

• Fler centrala upphandlingar och färre beställare
• Spridning av kunskap internt
• Samverkan mellan kommuner ger energi och bygger kunskap
• Att arbeta med cirkulär upphandling ger många ringar på vattnet
Tack för att du lyssnade!

Mer information hittar du på Hållbar Utveckling Skånes hemsida www.hutskane.nu

Mina kontaktuppgifter: helena.nilsson@hutskane.se
FIKAPAUS!

See you back here at 14:20
AGENDA

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• **14.20 - 14.45**  
A private sector perspective: Beleco AB – **Sebastian Rudenstam**

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Roundtable discussion: Challenges & Way forward in Circular Public Procurement – **All**

• **15.20 - 15.30**  
Wrap up and Goodbye – **RISE research team**
There are some new players in town.
We’re revolutionizing the furniture industry.
Our members love us, and we love them.
From A to Z. We got you covered with furniture.

Rent designer furniture per day or per month
See price, availability and book online
Beleco handles all logistic and assembly
Get help from our interior designers
See online how much CO2 you're saving
Members choose between different **collections**.

**Flex**  
Flexible per month.  
Choose any designer furniture.

**Lux**  
Minimum 24 months. Choose any designer furniture

**Go**  
1 to 60 days. More than 4000 pieces. Instant delivery.
Choose from more than 150 designer brands.
Let us assist you with furniture and styling.
Become a member and transform a whole industry.

1 2 1

Send in or start sharing furniture  Get help from interior designers  Save 2 million tonnes of CO2 in 10 years
AGENDA

1. 10.00 - 10.10 Welcome note – RISE research team

2. 10.10 - 10.45 Project Findings – RISE research team

3. 10.45 - 12.00 Feedback from the PROCEED consortium with Q&A – Helsingborgs stad, Jönköpings kommun, Luleå kommun, Växjö Kommun, RISE AB-Koncerninköp

4. 12.00 - 12.40 LUNCH

5. 12.45 - 13:05 An International view on circular procurement by IEMA (Institute of Environmental Management & Assessment) – Marc Jourdan


7. 13:25 - 14:00 Case study: The “Cirkulära Skåne” project – Helena Nilsson

8. 14:00 - 14.20 FIKAPAUSS / COFFEE BREAK


10. 14:45 - 15:20 Roundtable discussion: Challenges & Way forward in Circular Public Procurement – All

11. 15.20 - 15.30 Wrap up and Goodbye – RISE research team
ROUNDETABLE DISCUSSION

CHALLENGES & WAY FORWARD IN

CIRCULAR PUBLIC PROCUREMENT

Moderator: Marcus Linder
AGENDA

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  Project Findings – *RISE research team*

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Public PROcurement with a Circular Economy EDge

Offentliga myndigheter är stora globala konsumenter och spelar därför en viktig roll i produktions- och konsumtionsdynamiken, inklusive den hållbara. Bevis visar emellertid att det finns ett antal viktiga frågor som förhindrar ett bredare anammande av hållbara metoder för offentlig upphandling och de inkluderar bristande medvetenhet, kunskap, information och erfarenhet bland offentliga myndigheter om hållbara principer, verktøy och deras översättning till innovativa hållbara metoder.

Genom att nära arbeta med ett antal organisationer - inklusive svenska...

Circular Procurement

We are experts in procurement, and specifically public procurement, of goods and services in line with the principles of circular economy. Our expertise includes circular economy and procurement strategy, circular economy criteria/indicators and sustainable procurement standard (ISO 20400).

We have acquired expertise in public procurement and more specifically in sustainable/circular public procurement. Current knowledge and practical managerial tools have been further developed and combined in an innovative, cost effective way in order to successfully support public bodies in advancing knowledge and practice in circular public procurement. An example could refer to the mandatory introduction and use of circularity measurement in circular procurement practice. This approach, unlike other current best practices, will ensure the uptake of circular practice at a societal level (demand and supply) and at a sufficient...
WHAT’S NEXT...

– Our research continues
  • RACES project
  • New projects based on our findings...
– With a spirit of co-creation so...
– Keep in touch & goodbye!

RISE — Research Institutes of Sweden
THANK YOU!