Maintaining, updating and expanding the knowledge base
Recommendations and Beyond 2017
ProSUM going forward

Project Recommendations
Sarah Downes
Key recommendations

- Improving characterisation of material content in products
- Improving characterisation of material content in wastes
- Improving quantification of stocks and flows in the urban mine
- Improving harmonisation and interoperability of datasets
- Expanding the scope of the UMKDP
- Increasing material recovery and supply
Key recommendations

- CENELEC Standards
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- ProSUM Protocols
  - Raw Materials
  - Scoreboard
  - Criticality Assessment
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- Treatment and recovery
- Increasing material recovery and supply
- Additional wastes
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- Targeted sampling campaigns to reduce unknown whereabouts
- ProSUM Protocols
  Raw Materials Scoreboard
  Criticality Assessment
- Treatment and recovery
  Additional wastes
- Recoverable commodities
Beyond 2017

What ProSUM means for you
Pascal Leroy
Improving the knowledge base (and confidence in data in the knowledge base) is a key condition for effective recycling.

Elements that affect recycling rates:

- Technical recyclability
- Accessibility of components
- Economic viability
- Collection mechanism
- Entry into the recycling chain
- Optimal technical set-up adapted to product type
- Sufficient capacity
- Knowledge base
“prosum” is Latin for

I am useful
Unique Value Proposition

The UMKDP is the world’s first one-stop-shop knowledge data platform that contains data and intelligence that is easy to access, peer-reviewed, comprehensive, up-to-date, high-quality, structured, impartial, broad in scope and verifiable.
Unique Value Proposition

first

easy to access  peer-reviewed
comprehensive  up-to-date  high-quality  structured
impartial  broad  verifiable
## End-users

<table>
<thead>
<tr>
<th>Market</th>
<th>Policymakers</th>
<th>Research</th>
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</table>
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  • Automotive  
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  • Consultants  
  • LCA software providers |
### Flows of materials in screens

**Placed on market**

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Flows of materials in screens

Waste Generated

Data from 2016 extrapolated from current trends
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Waste Flows 2015 - EU28+2
(against WEEE Generated = 100%)
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What next?

Current Data

New prospecting
What next?

Current Data

New prospecting

JOIN US!

ORAMA

ProSUM
What next?

- Show how to create robust Material Systems Analyses and Sankey diagrams for stocks and flows.
- Connect data with JRC’s Raw Materials Information System (RMIS).
- Identify best practices in projects, e.g. Minerals4EU, ProSUM, MICA
- Support policies and investments in primary and secondary raw material industries.
- Develop protocols to update data.
What next?

- Understand end-users’ needs: Market analysis, market testing.
- On that basis, develop services.
- Contract with data providers to maintain data.
- Promote the ProSUM platform.
- Plugging ProSUM platform into RMIS 2.0.
- Expand depth and width of data in platform.
- Reach out to end-users through Information Network
- Connect with other networks.