# Open call: Circular use of products

Please keep your microphone muted when others are speaking
Use the "raise hand" function if you want to pose a question, or write it in the chat function RE: SOURCE









Strategic innovation programmes

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### We support innovations

enabling material use within **planetary boundaries** making Sweden a frontrunner in **circular economy** 



#### We want to create

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-New business opportunities
-Innovative, scalable solutions
-Facts and knowledge for policy-making
-Knowledge transfer
-International R&I cooperation

#### How?

- -Gathering stakeholders
- -Funding innovation and research projects

RE:

SOURCE

- -Seminars & workshops
- -Coaching innovation and commercialization
- -8-10 Million Euro per year 2016-2027



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# Open call: Circular use of products



Why do we need a call for circular product use?

- Products are used inefficiently and only parts of their functional lifetimes

- Low quality products with short lifetime

- Products are not upgraded, repaired or refurbished/remanufactured

- Business offers based on circular use of products are often not attractive enough



#### We call for projects that

- Intend to develop or demonstrate innovation-based solutions that promote circular use of products, i.e. products maintain their value and function over longer time, are used efficiently, are repairable etc.
- Contributes to sustainable use of materials by enabling/strengthening circular business offers and user benefits
- We particularly request solutions that are based on innovative business models and/or applications of digitalization/artificial intelligence (AI)



# The projects need to target at least one of the two thematic areas

- Sustainable business offer design of products and services that contribute to sustainable use of materials, e.g. by facilitating reuse of products
- Sustainable use to use, up-grade, and maintain products more efficiently, e.g. by sharing, reuse and repair

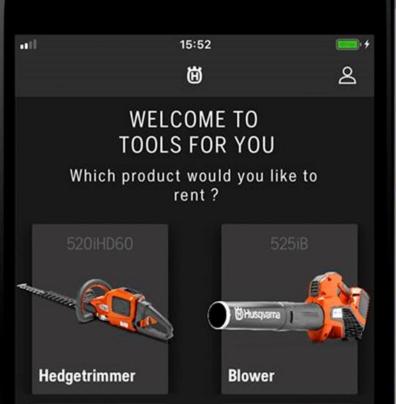


#### Examples of relevant angles

- Selling services/function instead of products
- Services that support sharing, upgrading, remanufacturing and reuse of products and related components
- Product design for circular use, including designing products so they can be
  - repaired, upgraded or remanufactured
  - suitable for multiple functions, a long lifetime and reuse
  - manufactured of reused material and components
  - without hazardous substances



#### Rent your tools





## **Type of projects**

Innovation project

Corresponds to the research category "industrial research". Projects are expected bring solutions to a readiness level which implies that essential parts of the solution have been tested on a lab scale, or in a simulated environment or similar Demonstration project

Corresponds to the research category "experimental development". Projects are expected bring solutions to a readiness level which implies that the function of the solution has been verified at tests and demonstrations under realistic conditions on a testbed, pilot scale or in existing operations





#### Assessment criteria

- Relevance
- Potential
- Equality and diversity aspects
- Operability
- Constellation
- Utilisation/communication



#### Some figures

- Maximum funding from call:
  - 2 MSEK for innovation projects
  - 4 MSEK for demonstration projects
- Maximum contribution:
  - 50% for innovation projects
  - 35% for demonstration projects
- Closes March 2, 2021
- Expected funding decision August, 2021
- Earliest start Sept 1, 2021
- Maximum project duration 24 months



## Don't forget when writing the application

- The activities for which funding is applied for should fit within either of the research categories "industrial research" or "experimental development"
- Describe the solution that you intend to develop/validate/demonstrate in the project and why it is innovative and better than current/other solutions
- Describe how the solution relates to at least one of the RE:Source thematic areas Sustainable business offer or Sustainable use
- Describe how the solution i) relates to promoting circular use of product(s) and ii) may enable/strengthen circular business offer(s) and user benefits
- Read the full call text in the pdf available at the call homepage



## For more information and questions

- Call text: <u>https://www.energimyndigheten.se/utlysningar/utveckla-och-demonstrera-</u> losningar-som-framjar-cirkular-produktanvandning/
- Questions related to the program content and the aim and direction of the call: Klas Cullbrand, Innovation Manager RE:Source
   0737-188669
   klas.cullbrand@resource-sip.se
- Questions related to application and assessment process and legal matters: Kalle Svensson, Energimyndigheten
   016-544 2109
   kalle.svensson@energimyndigheten.se

Susanna Widstrand, Energimyndigheten 016-544 2465 <u>susanna.widstrand@energimyndigheten.se</u>

#### Stöd för europeiska projekt som bidrar till en mer hållbar stadsutveckling

Stöd inom ERA-NET Cofund Urban Transformation Capacities (ENUTC) för att bygga europeiska konsortier som utforskar hur forskning och innovation inom urbana omställningsprocesser kan bidra till hållbar stadsutveckling.

Energimyndigheten och Formas utlyser tillsammans med Viable Cities cirka 28 miljoner kronor till svenska aktörer.

Utlysningen är öppen till den 15 april 2021. Läs mer om <u>utlysningen här.</u> Thank you and good luck with the application!

# Q&A session will now open