



# SATURNIN®

**SATURNIN® – the ultimate tool for circular economy. A system for steel scrap re-use in industrial production. Green steel has never been more accessible. Brought to you by Beneva company.**

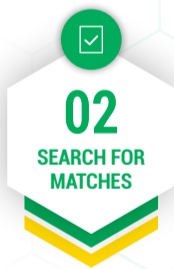
## KEY STRENGTHS OF PRODUCT:

- **Cost savings**
- **Scrap purchase at above market price**
- **Certified emission savings**
- **High seriality**
- **100 % quality guarantee**

## 3) HOW DOES IT WORK? DISCOVER THE PROCESS!



- Data collection on emerging metal scrap
- Data collection on input material requirements



The unique SATURNIN® algorithm is a tool that searches for individual matches in a set of data. A match is defined as a situation where a certain input material can be produced from sheet metal scrap generated in production. The following parameters are analyzed:

- Material thickness
- Material grade
- Required geometry
- Supplier and buyer locations



Sheet metal scrap is first inspected, then reprocessed to the customer's specifications on a fully-automated robotic production line

- Checking the geometry of the scrap using our own scanning device
- Material tests at an accredited laboratory
- Re-processing to the required format on the robotic line
- Output control of the final product



- The input material is delivered to the customer in time and according to the specified requirements
- The customer receives a certificate declaring the emission savings – the carbon footprint of the delivered product