



TITECH - SATURN

Sensor Based Sorting Conference
Workshop SATURN project
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ECO-INNOVATION
WHEN BUSINESS MEETS THE ENVIRONMENT

Innovation in Global Recycling

Equipment



TITECH x-tract

TITECH polyfinder

Polyfinder is a prototype modified for this project

- EM + NIR + VIS Sensor

Input Material



Sorting Task

CH x-tract

Step



First results - Heavies

CH x-tract
Step



Sorting task on Lights



TECH
finder
Step



First results – NON metals



First results – Aluminium



TITECH
finder
Step



Further separation of Heavies

CH x-tract

Step

More splits on Heavies
will be carried out

Also Cupper, Brass
separation





*Thanks for your
attention!*