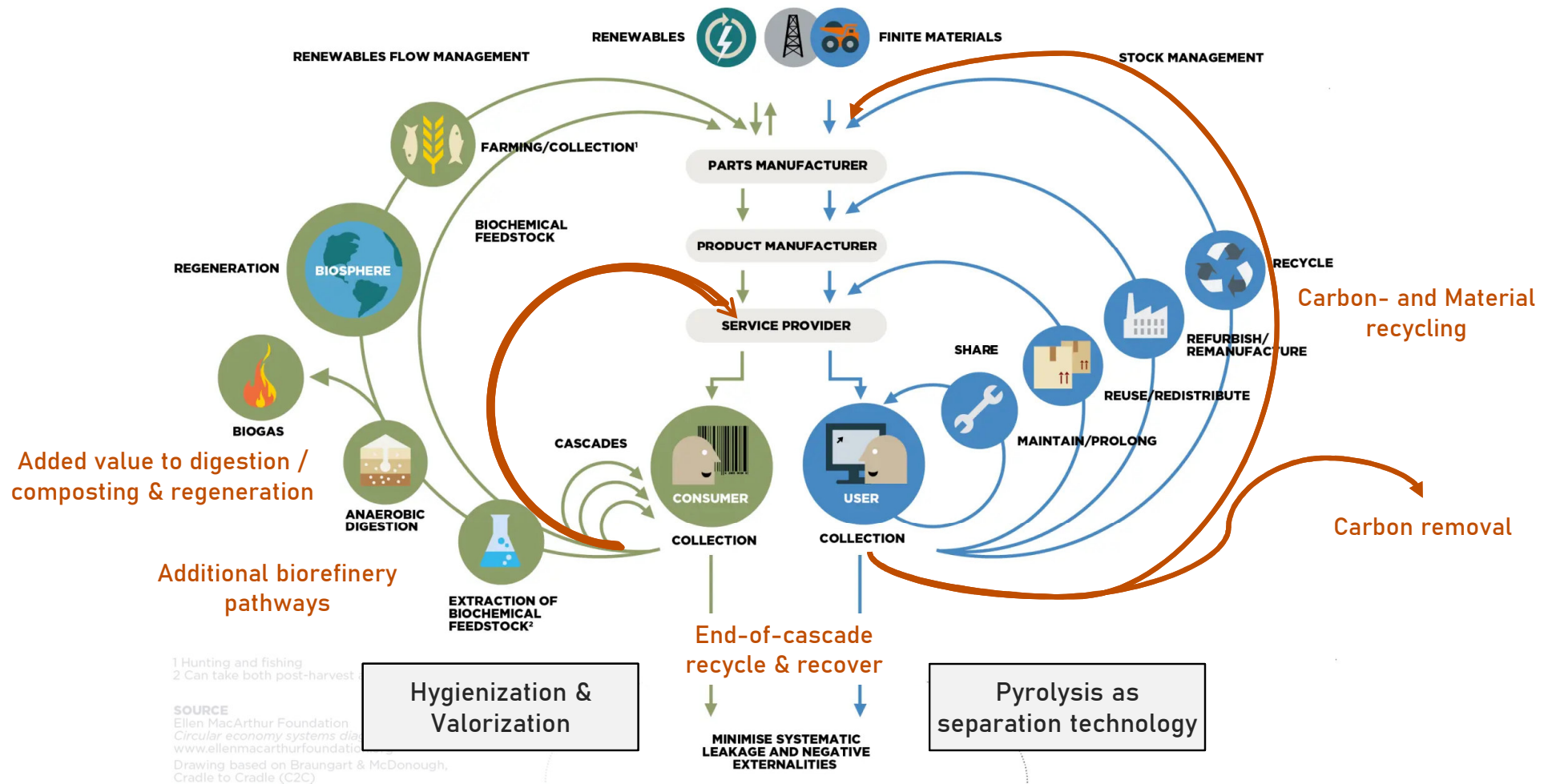


Pyrolysis in recycling

Navigating feedstock variability, product focus and system integration

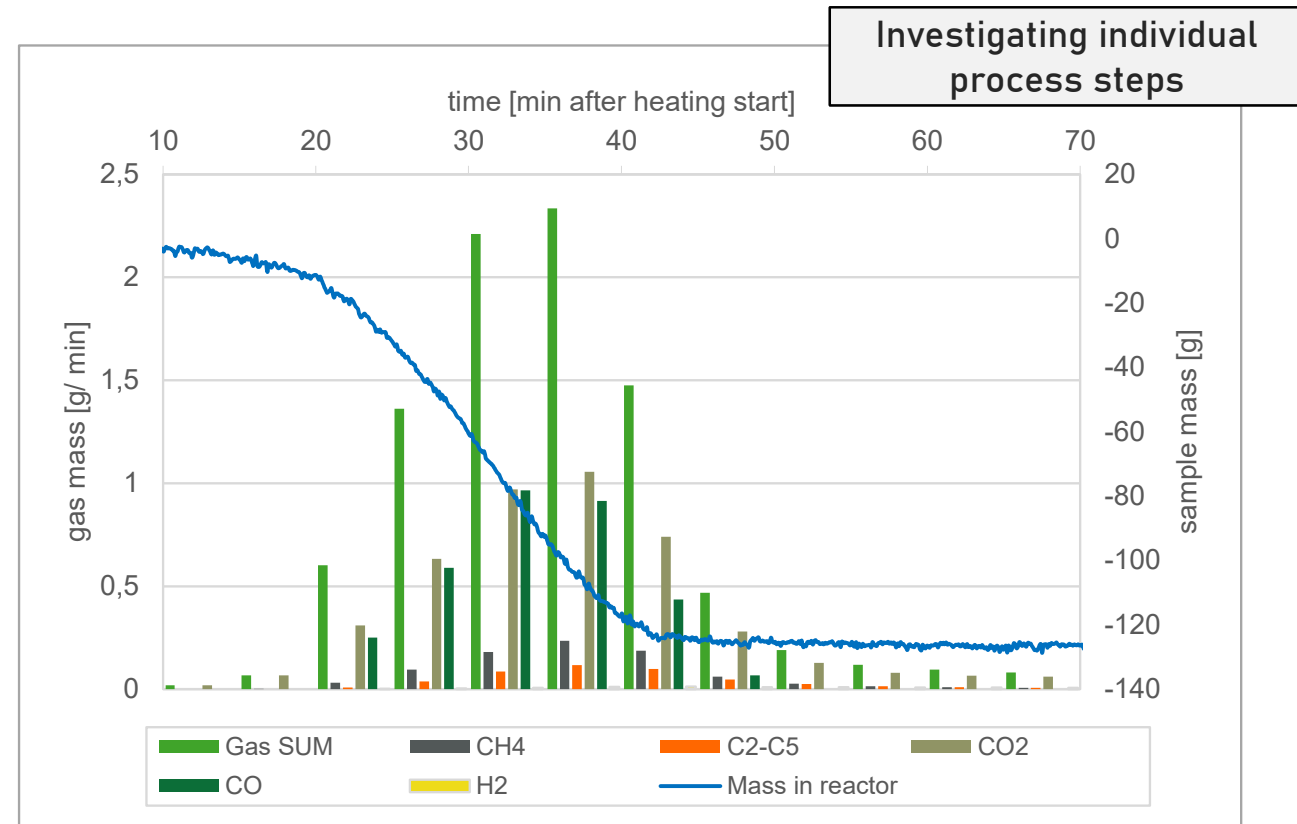
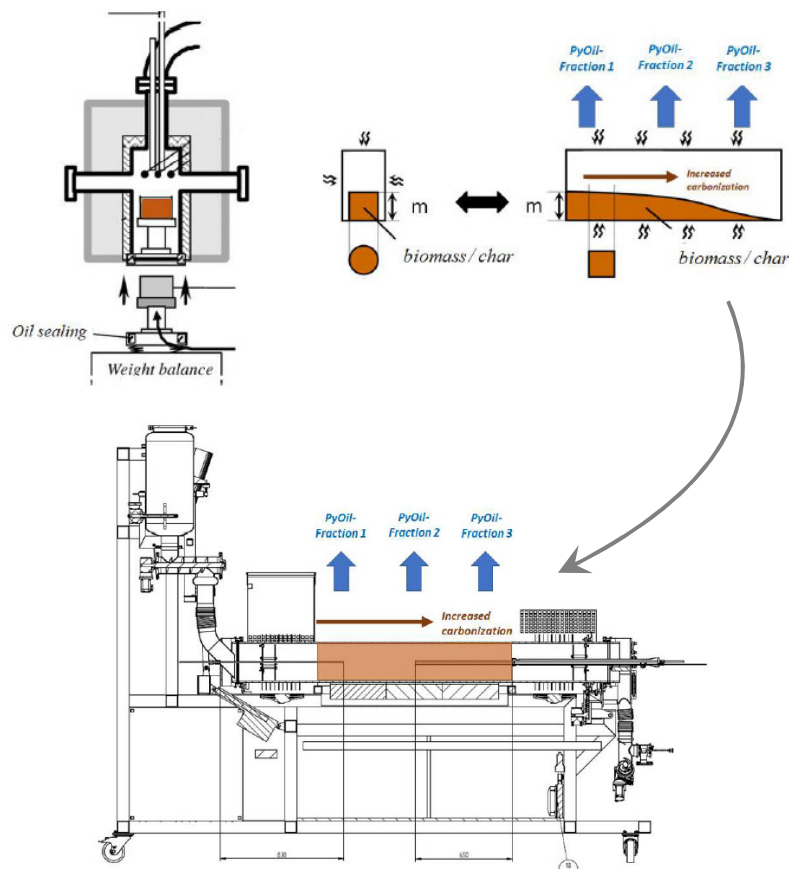
Elisabeth Wopienka

Opening new pathways in circular economy

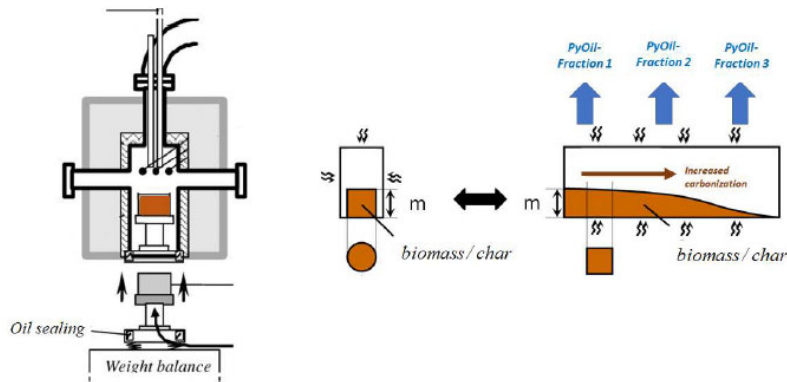




Process design & optimization in GCL^{Flex}400

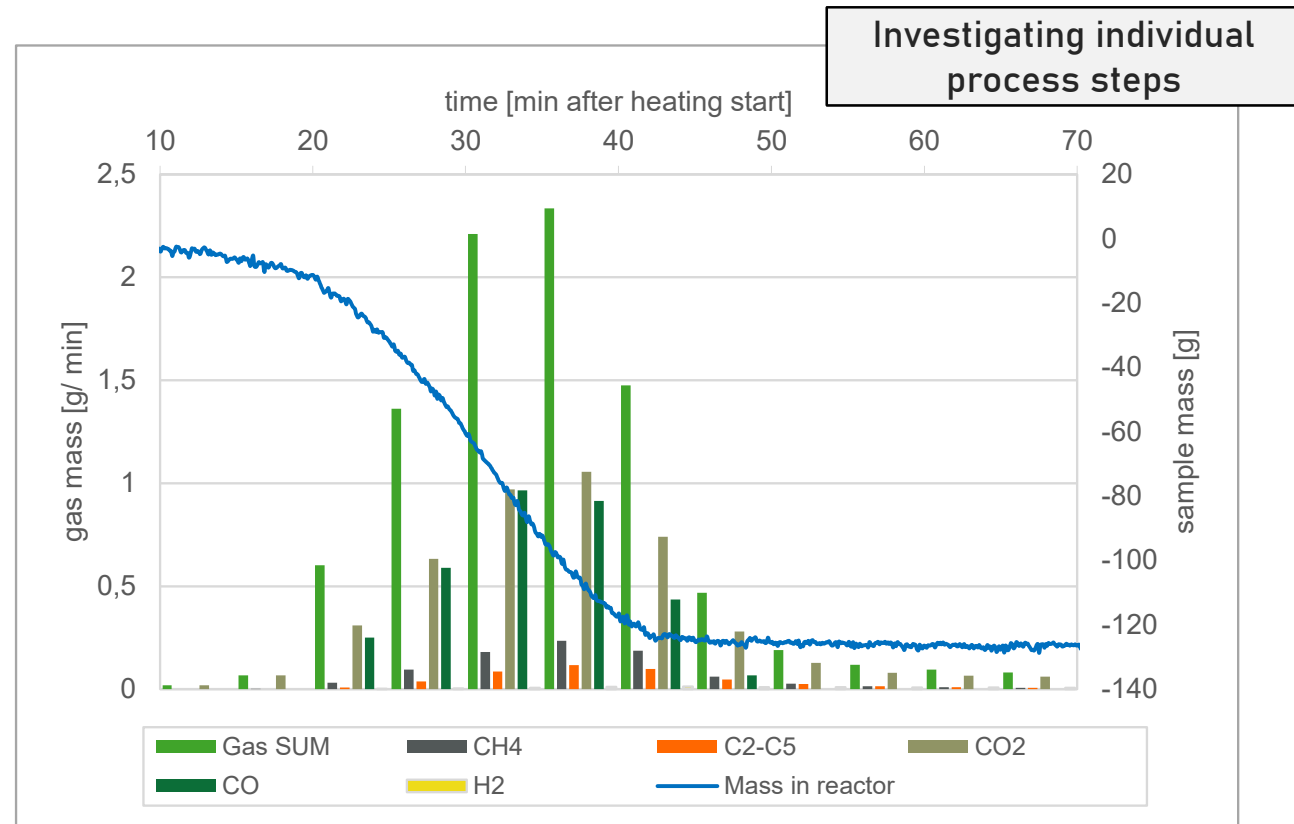


Process design & optimization

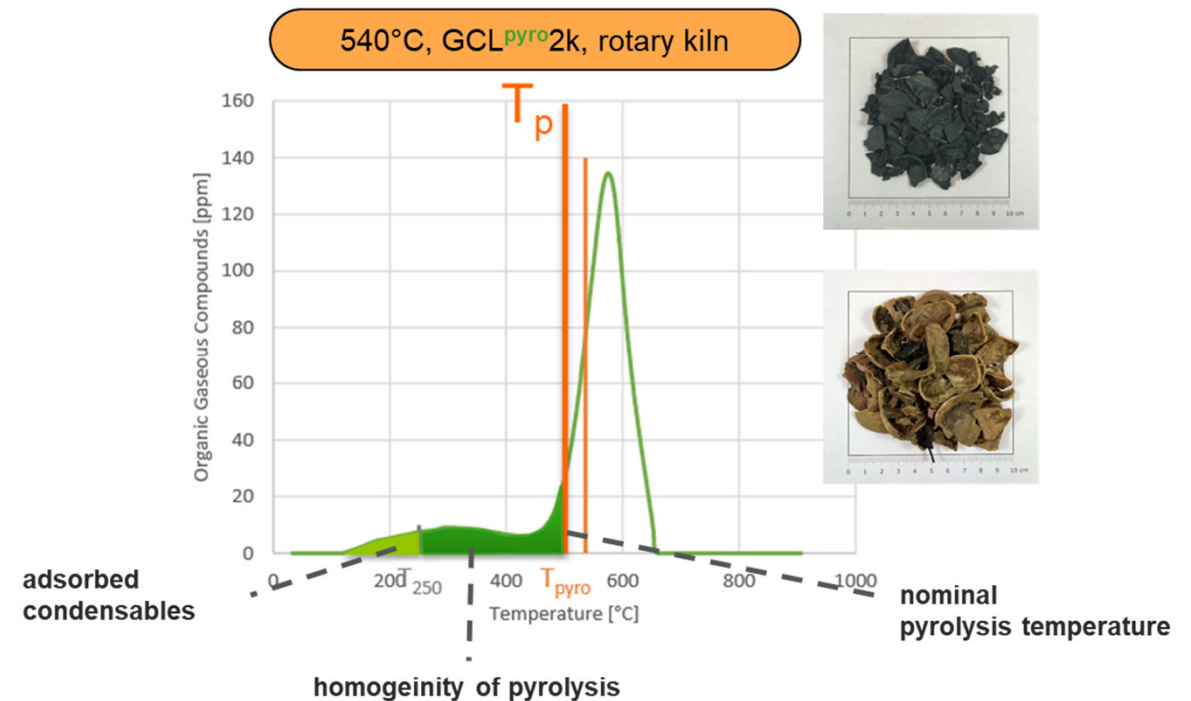
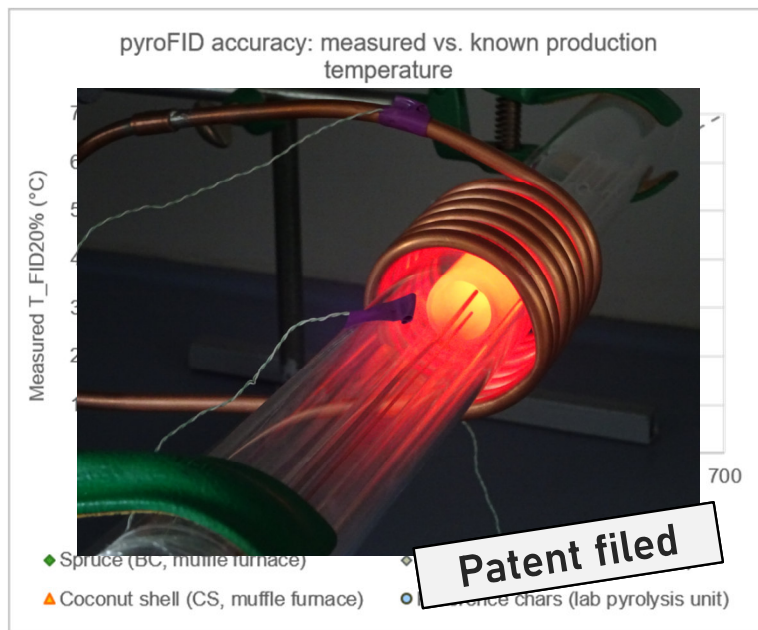


Testing

- ☒ Challenging Feedstocks
- ☒ Co-Pyrolysis (inorganics)
- ☒ particle size
- ☐ material blends
- ☐ ...



pyroFID method – advanced product monitoring & process control



Outlook



Expansion of database
on various materials

Energetic Integration –
technology interface and
load variation

By-products –
requirements vs. efforts
(certification & sales)

Linking results from
process design &
simulation

Integrating pyroFID
method in **advanced**
process control



Thank you for your attention