



This project received funding from the European Union's **Horizon 2020 Research and Innovation** program under **Grant Agreement n° 730471**



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# CHROMIC

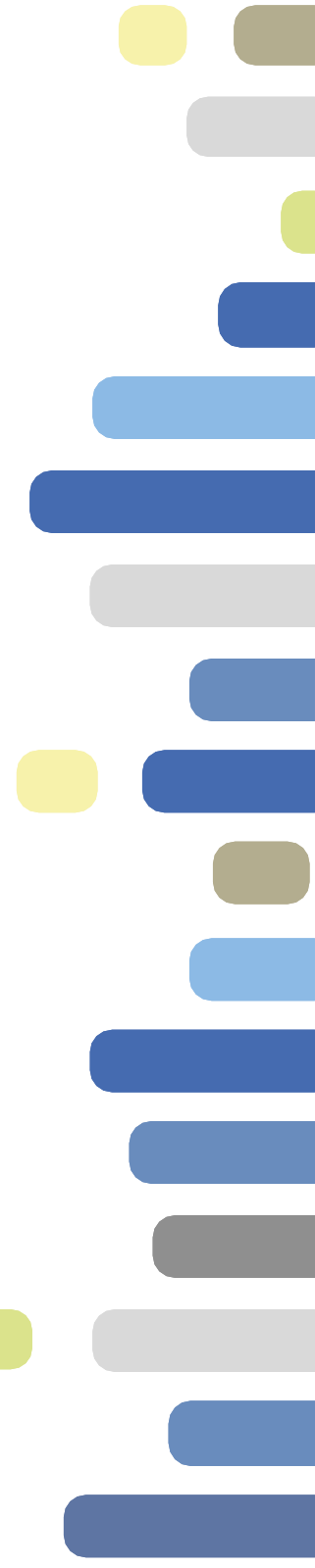
H2020 Innovation Forum, 4th October 2018, Innovathens

## **CHROMIC: New technologies for recovery of metals from slags**

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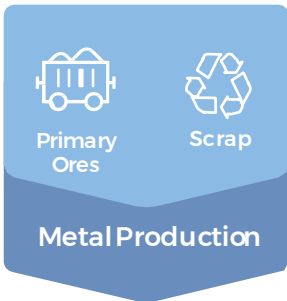
**Liesbeth Horckmans**

VITO NV



## New recovery processes for critical and valuable metals

### Current System



CS, SS, FeCr

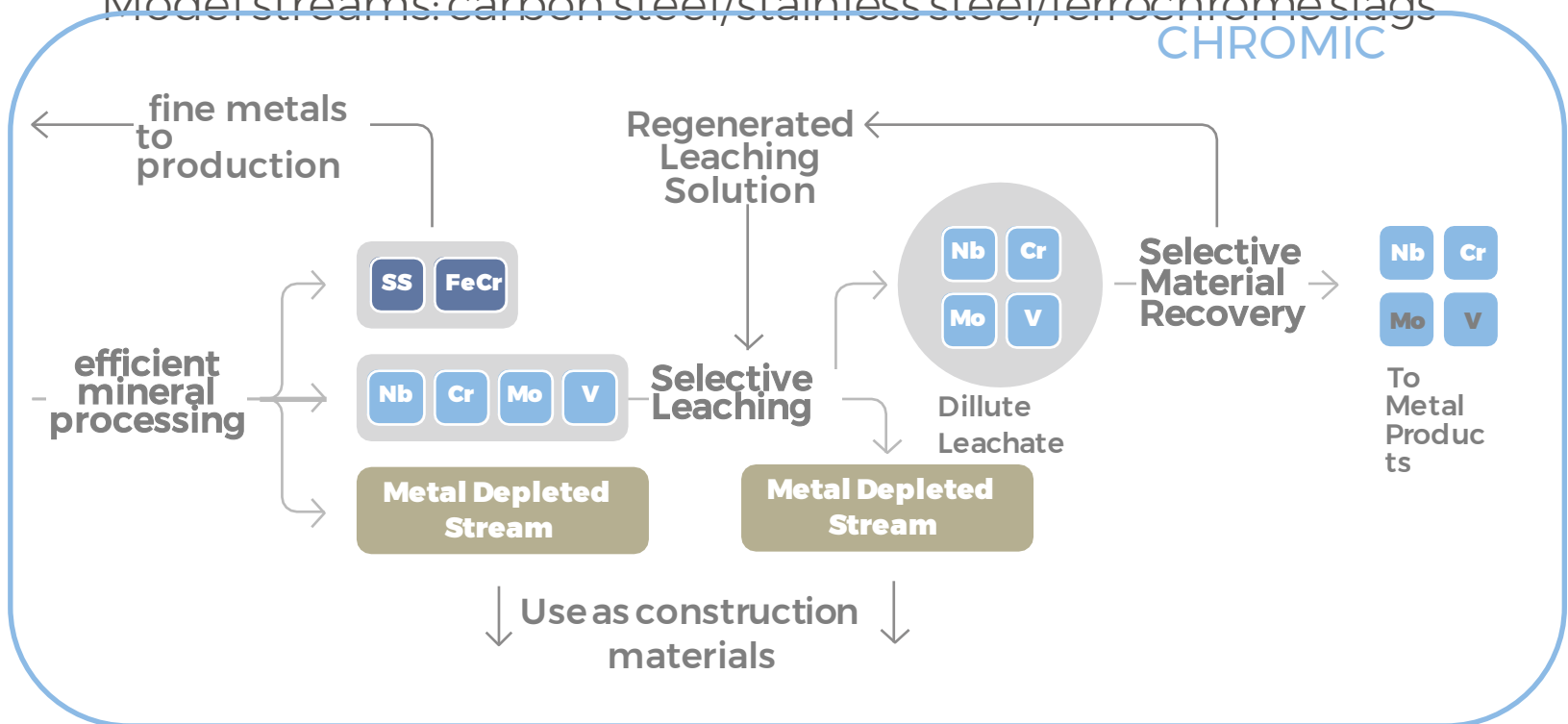
By-product: Slag



Use as construction materials

**Smart combinations** of existing methods and **new technological innovations** to extract valuable and critical metals from slags

Model streams: carbon steel/stainless steel/ferrochrome slags  
CHROMIC





# CHROMIC

*efficient mineral processing and Hydrometallurgical  
Recovery of by-product Metals from low-grade  
metal containing secondary raw materials*

[www.chromic.eu](http://www.chromic.eu)

[info@chromic.eu](mailto:info@chromic.eu)

#euCHROMIC



*Type:* H2020 RIA (Grant Agreement No. 730471)

*Duration:* 1 November 2016 – 31 October 2020

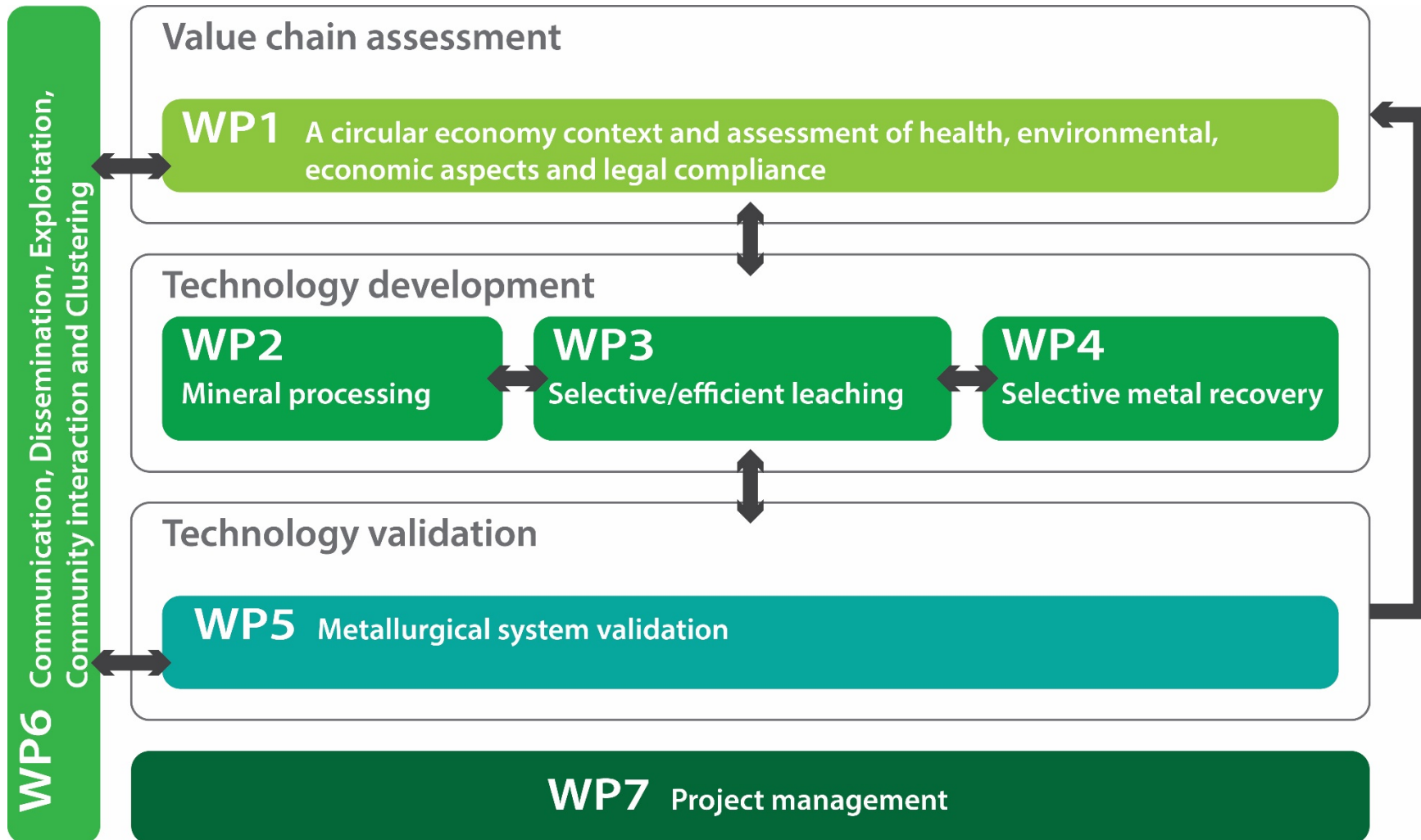
*Budget:* 4.8 M Euro

*Coordination:*

Liesbeth Horckmans, VITO NV, Mol - Belgium



# CHROMIC work plan

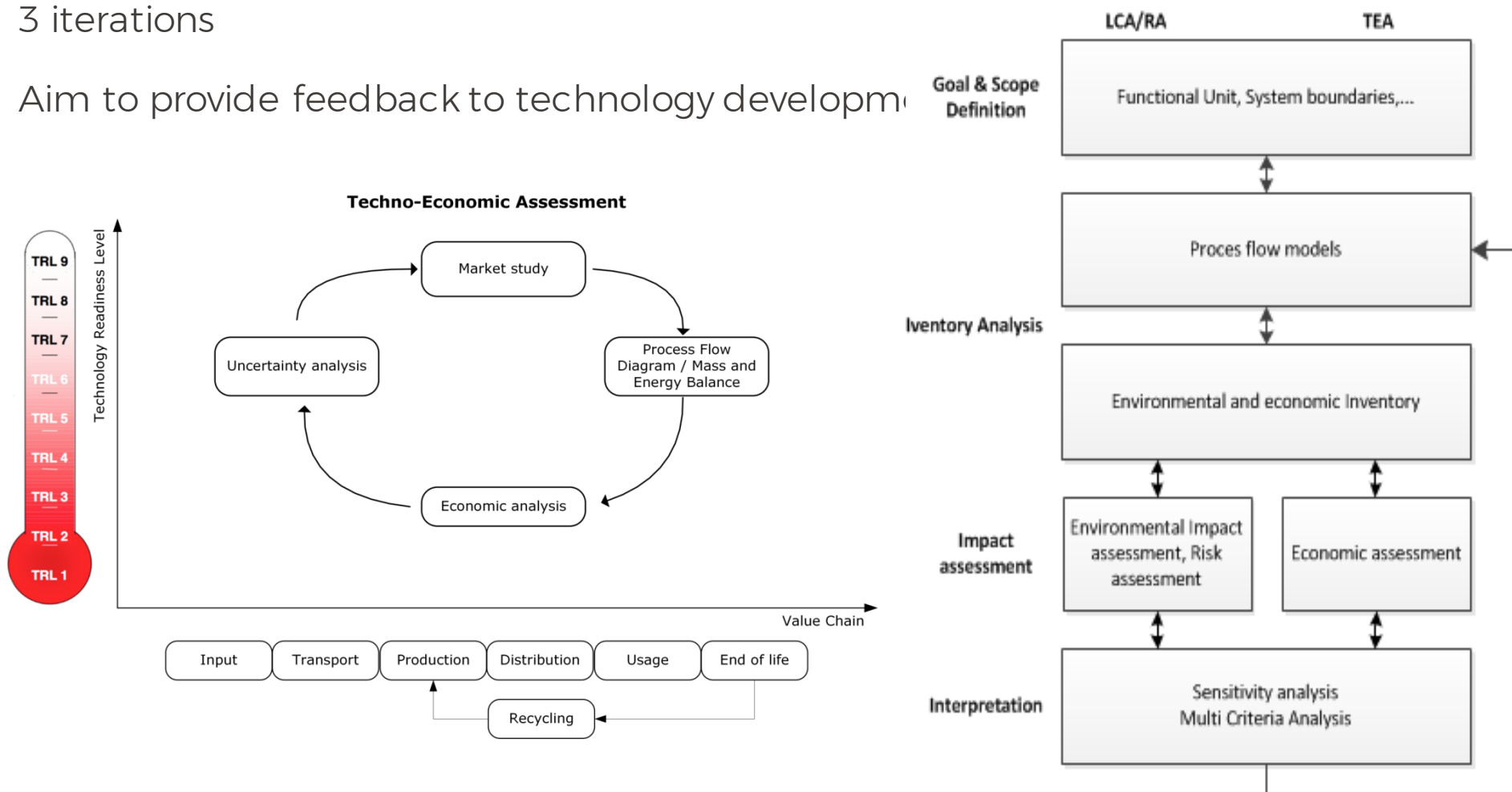


# CHROMIC – value chain assessment

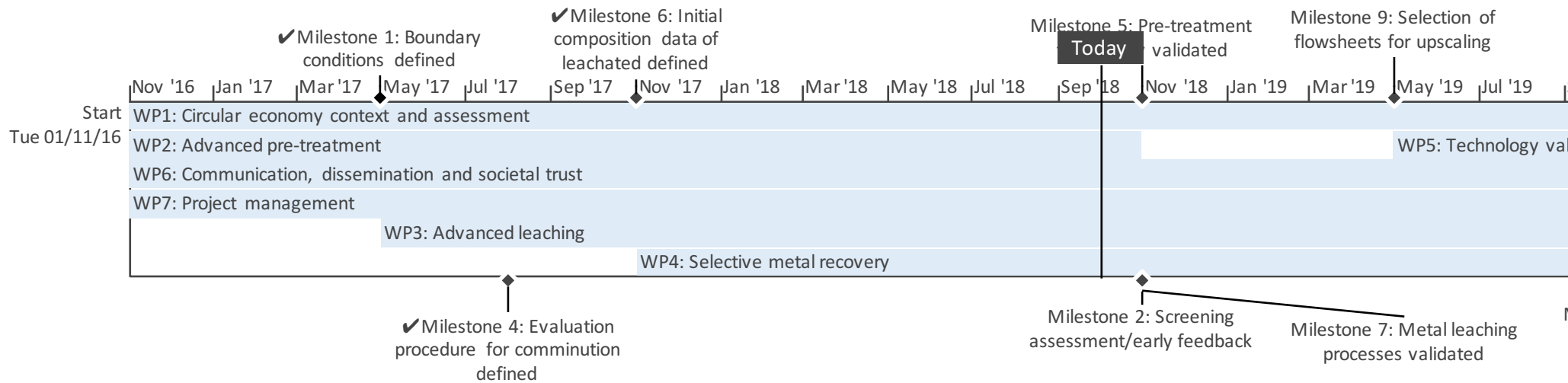
## Circular economy context, integrated LCA-RA-TEA study

3 iterations

Aim to provide feedback to technology development



# CHROMIC - status





# CHROMIC

*effiCient mineral processing and Hydrometallurgical  
RecOvery of by-product Metals from low-grade  
metal contalning seCondary raw materials*

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**Liesbeth Horckmans**

Coordinator – VITO

[Liesbeth.horckmans@vito.be](mailto:Liesbeth.horckmans@vito.be)



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