

***Development of concrete with electric arc furnace slags
(EAFS) for high added value applications***



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Motivation

Why?



Researcher and human skills development

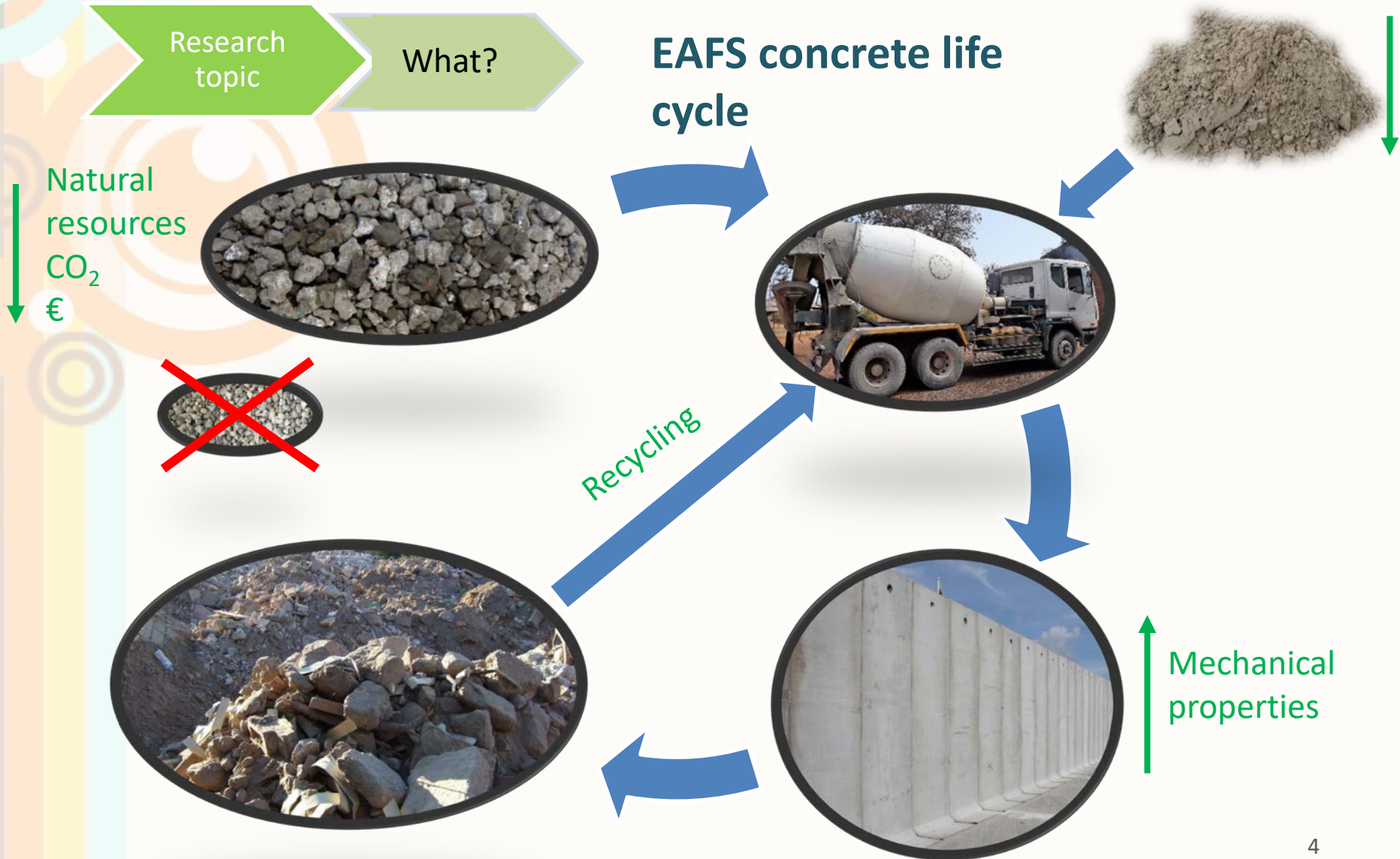
“I really like to research”

Research
topic

What?

Ordinary concrete life cycle





Research
topic

What?

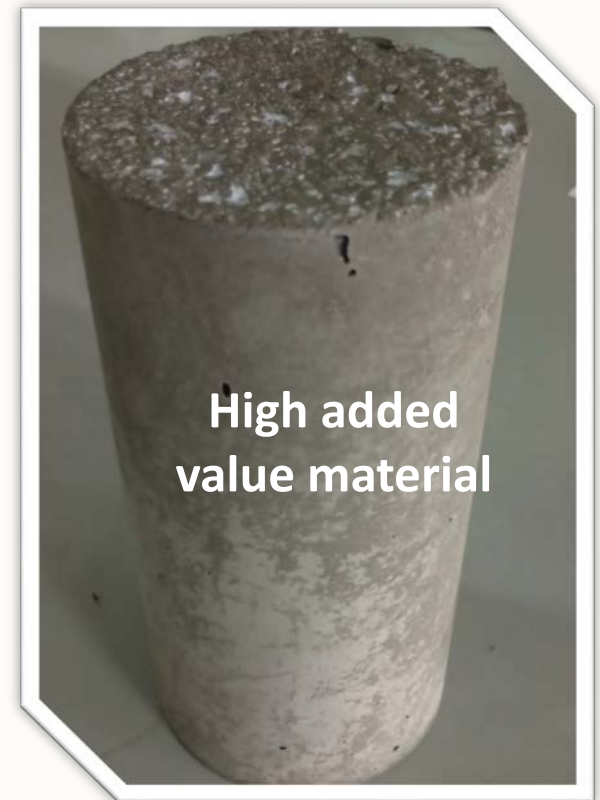
How is the waste
generated?



Research
topic

What?

How is the concrete
performed?



Research
topic

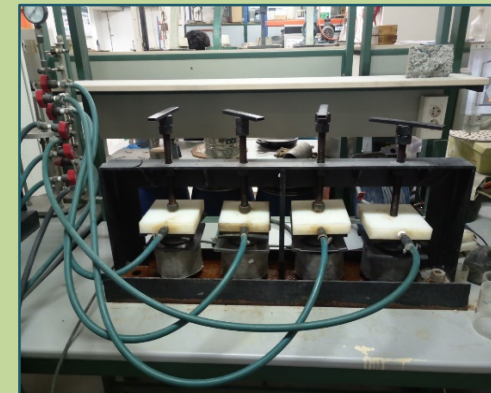
What?

How is the concrete
characterized?

Mechanical tests



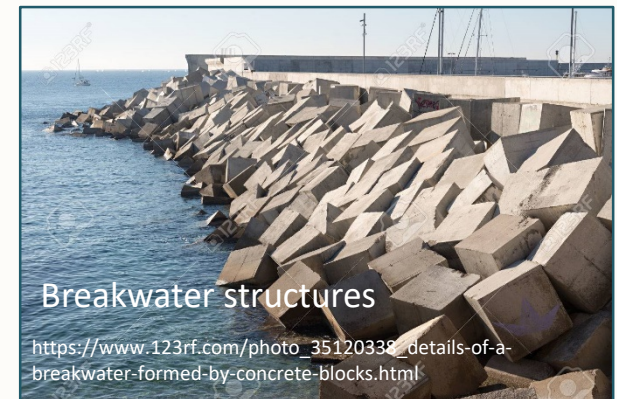
Durability tests



Research
topic

What?

Potential applications



Initial
planning

How?

**WE
ARE
HERE**

Analysis of the state of the art

Analysis of current regulations

Characterization of EAFS

Design, mixing and manufacture of concrete

Durability, Physical-mechanical characterization

Pre-normative demonstrator





Thank you for your attention