



Empa

Materials Science and Technology

Mobilising materials for the energy transition

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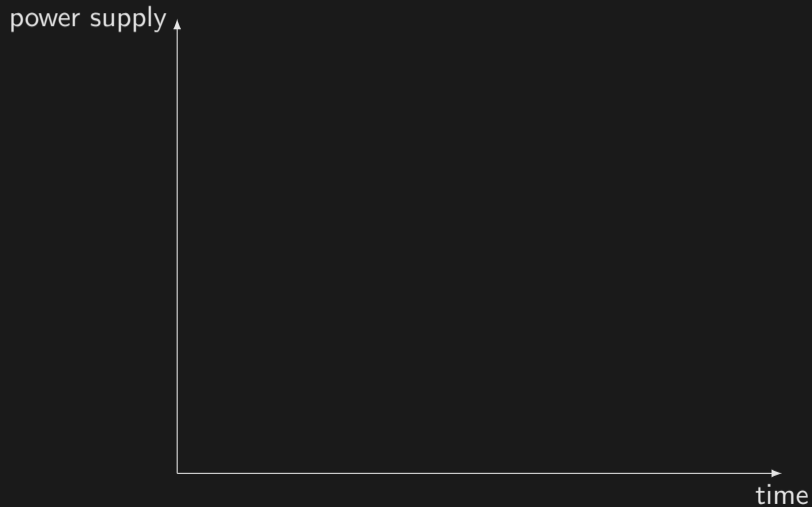
5.9.2023, WRF, Geneva





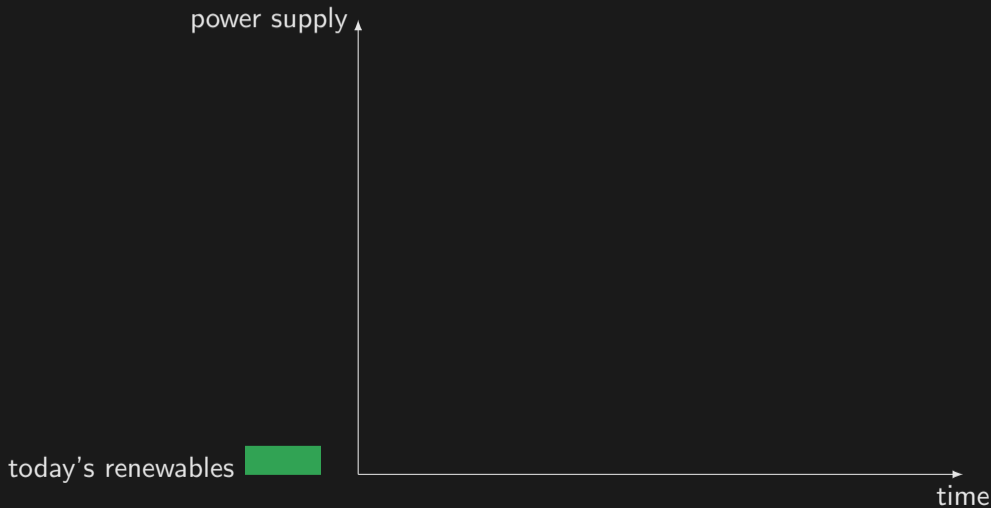
Energy limit to accelerate energy transition

Desing & Widmer 2021



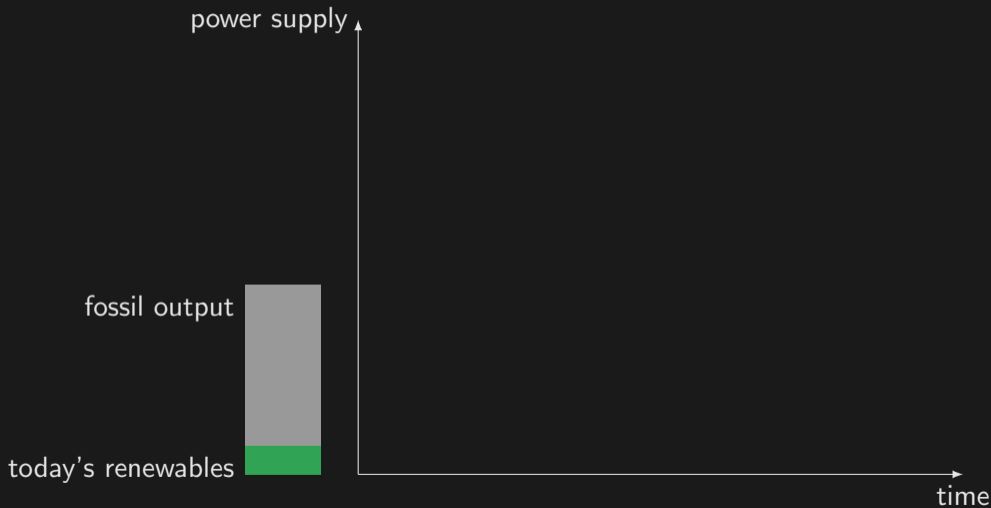
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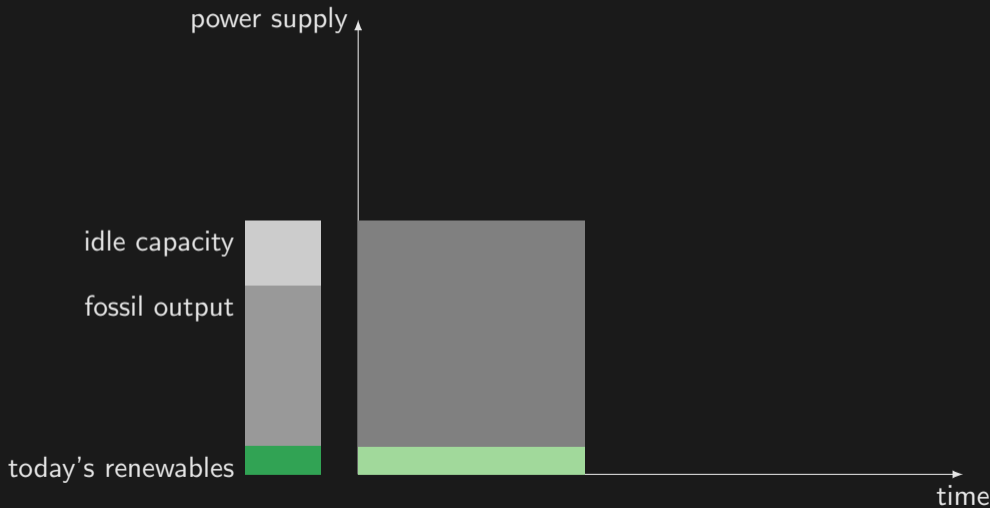
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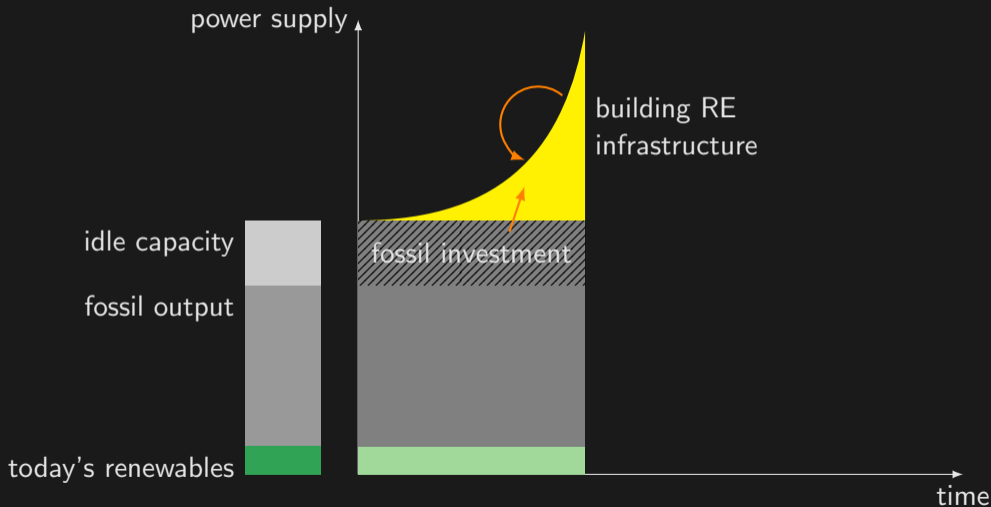
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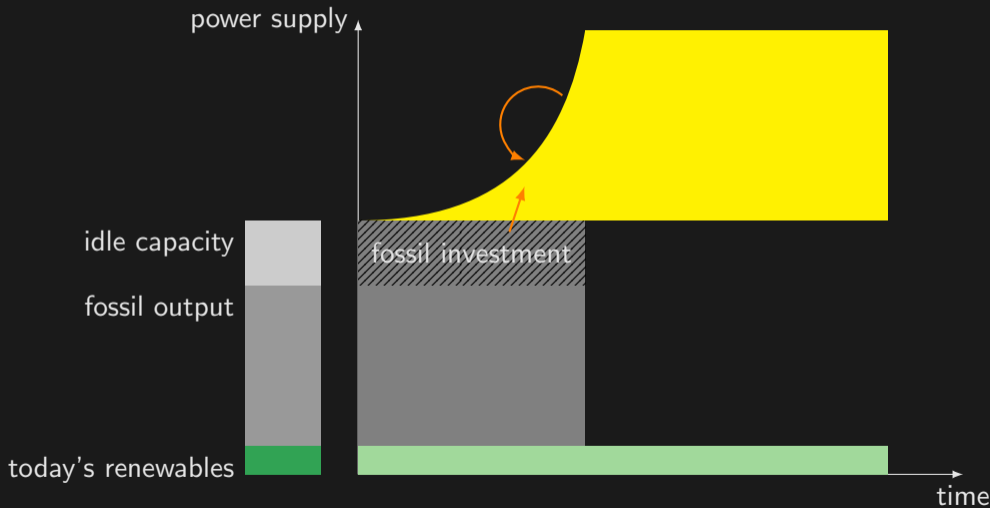
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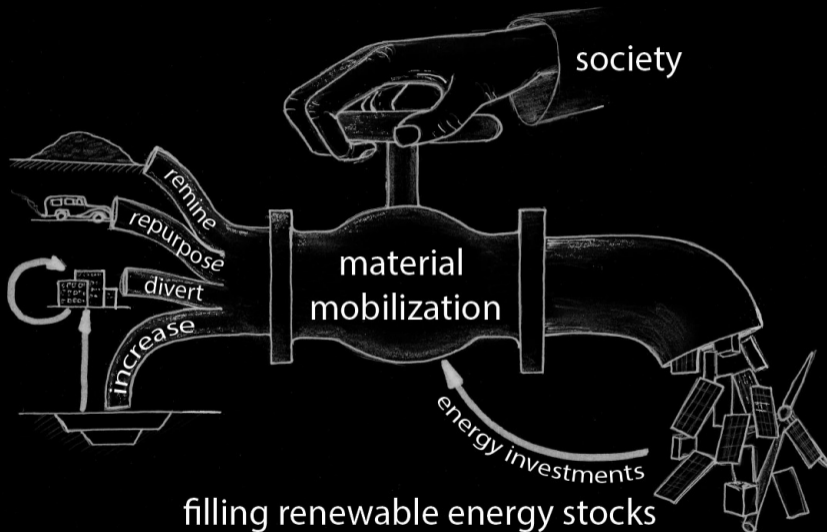


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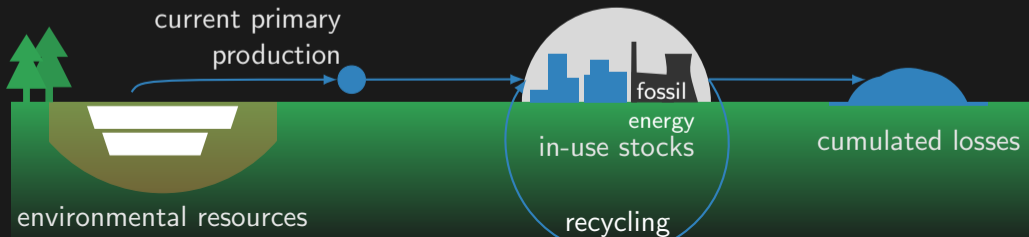


Material Mobilization



Material mobilization framework

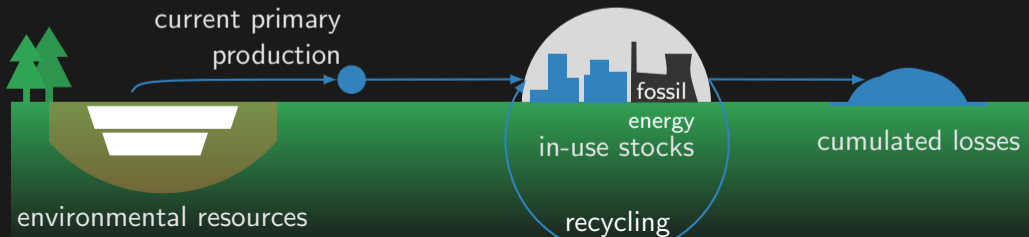
Desing et al., submitted



Material mobilization framework

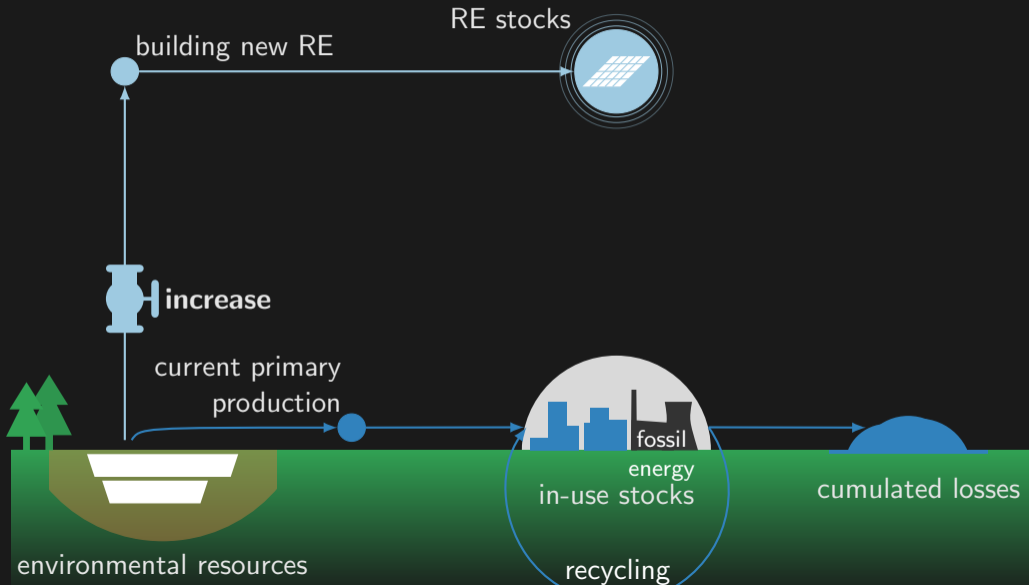
Desing et al., submitted

RE stocks



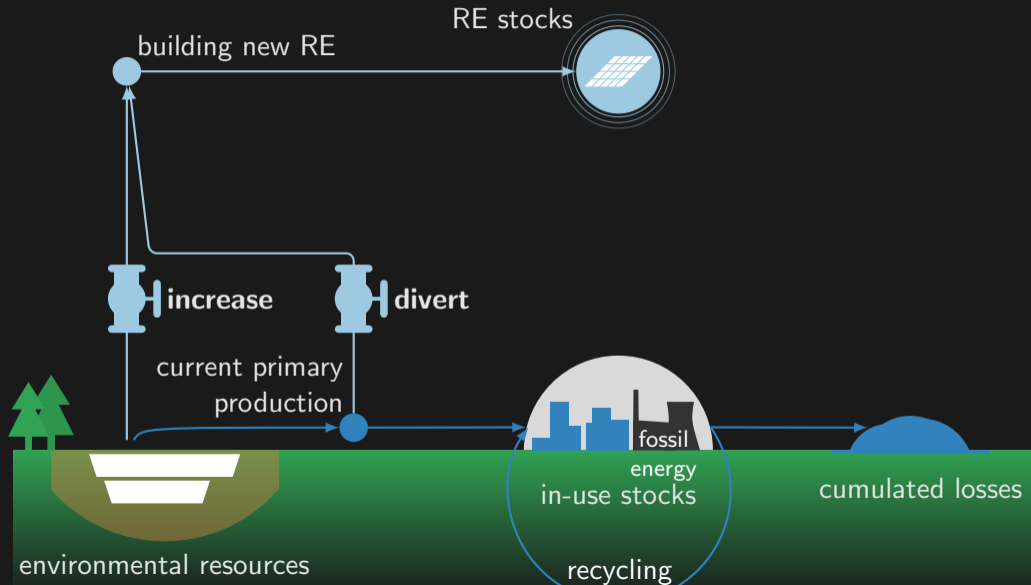
Material mobilization framework

Desing et al., submitted



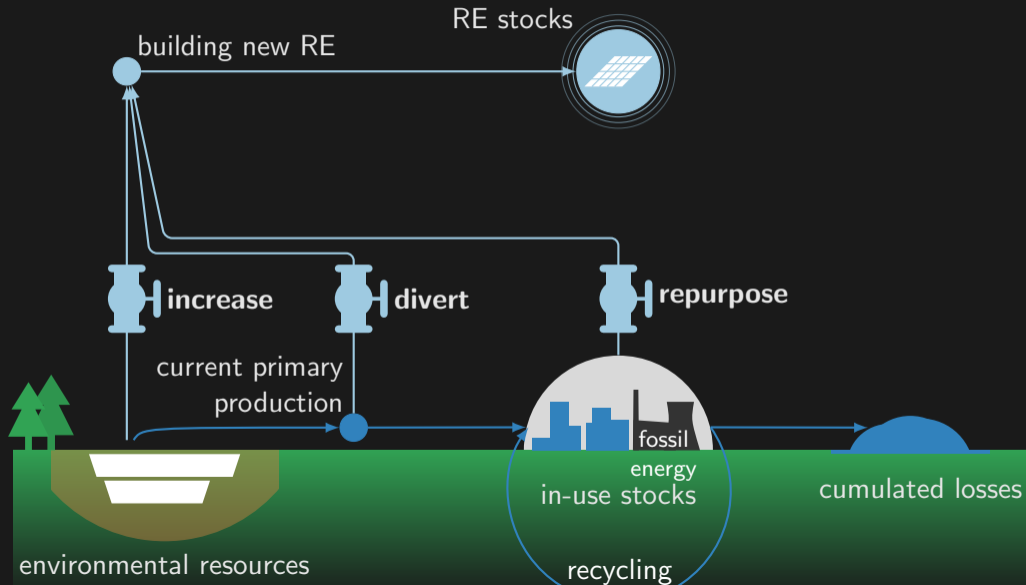
Material mobilization framework

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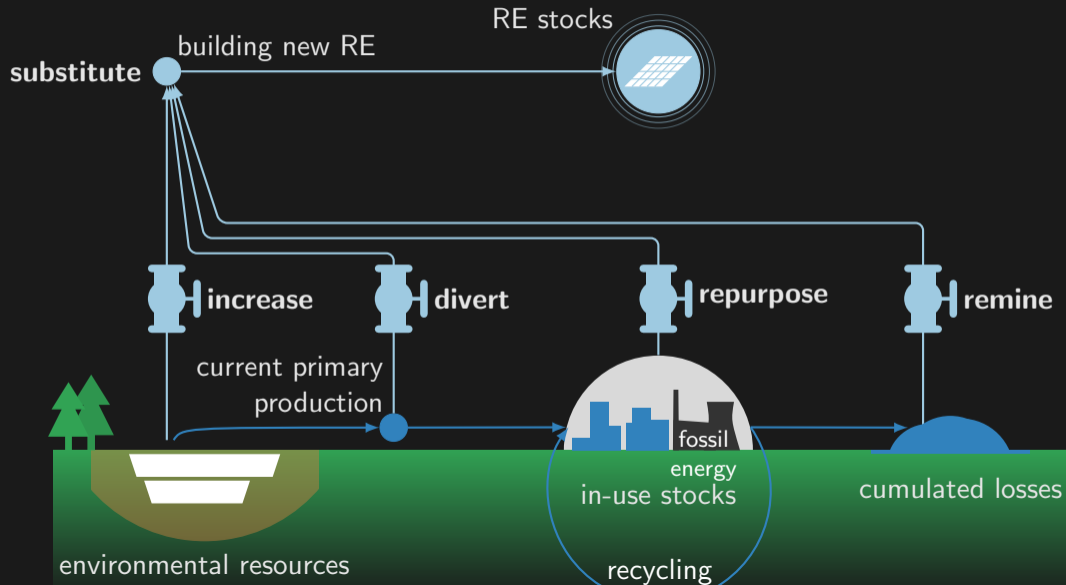
Material mobilization framework

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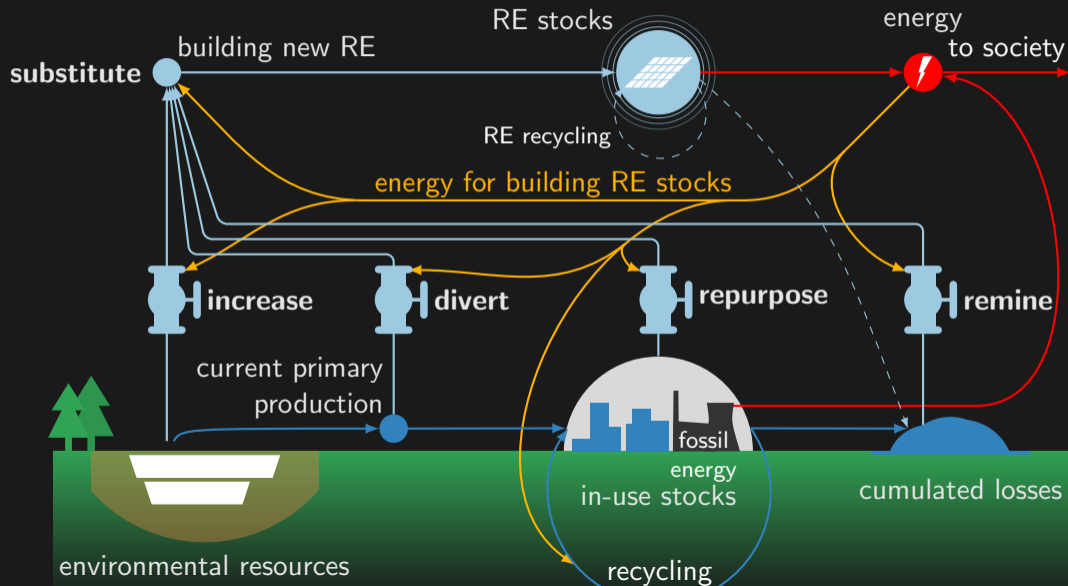
Material mobilization framework

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Material mobilization framework

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Thank you for your attention!

Questions?

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