## LIFE CYCLE ASSESSMENT OF HEMP CONCRETE BLOCKS

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- Aim: to promote the uptake of Life Cycle approaches particularly in SMEs (BE, FR, PT, SP)
  - ⇒ network of LC champions + online resource centre
- Sectors: Recycling, Building, Energy
- BE: GreenWin: "green" Walloon Competition Cluster
- ULg PEPs: LCA coach/expert











## LIFE CYCLE ASSESSMENT OF HEMP CONCRETE BLOCKS

- Buildings: embodied energy + natural resources
  Indoor air pollution
- Sustainable and healthy solution for insulation
- ⇒ Hemp concrete blocks IsoHemp (BE)





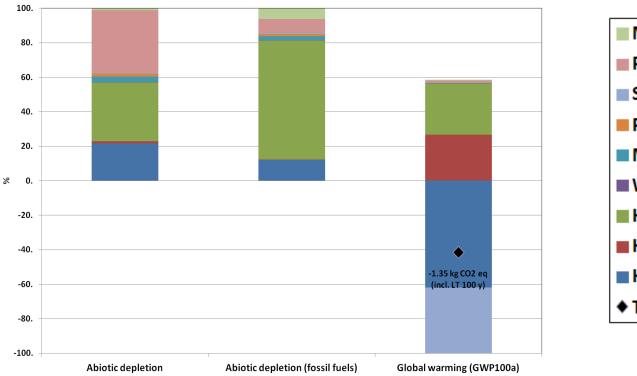
- Hemp shives + slacked lime + hydraulic lime + water
  - $\rightarrow$  mixing  $\rightarrow$  pressing  $\rightarrow$  pallet  $\rightarrow$  storage
  - $\rightarrow$  to client

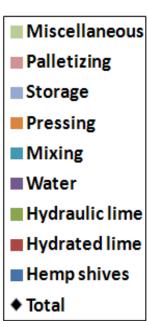




## LIFE CYCLE ASSESSMENT OF HEMP CONCRETE BLOCKS

FU = 1 pallet ready for shipping (craddle to gate)





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