



EARTH as a contemporary design object

Jasper Van der Linden





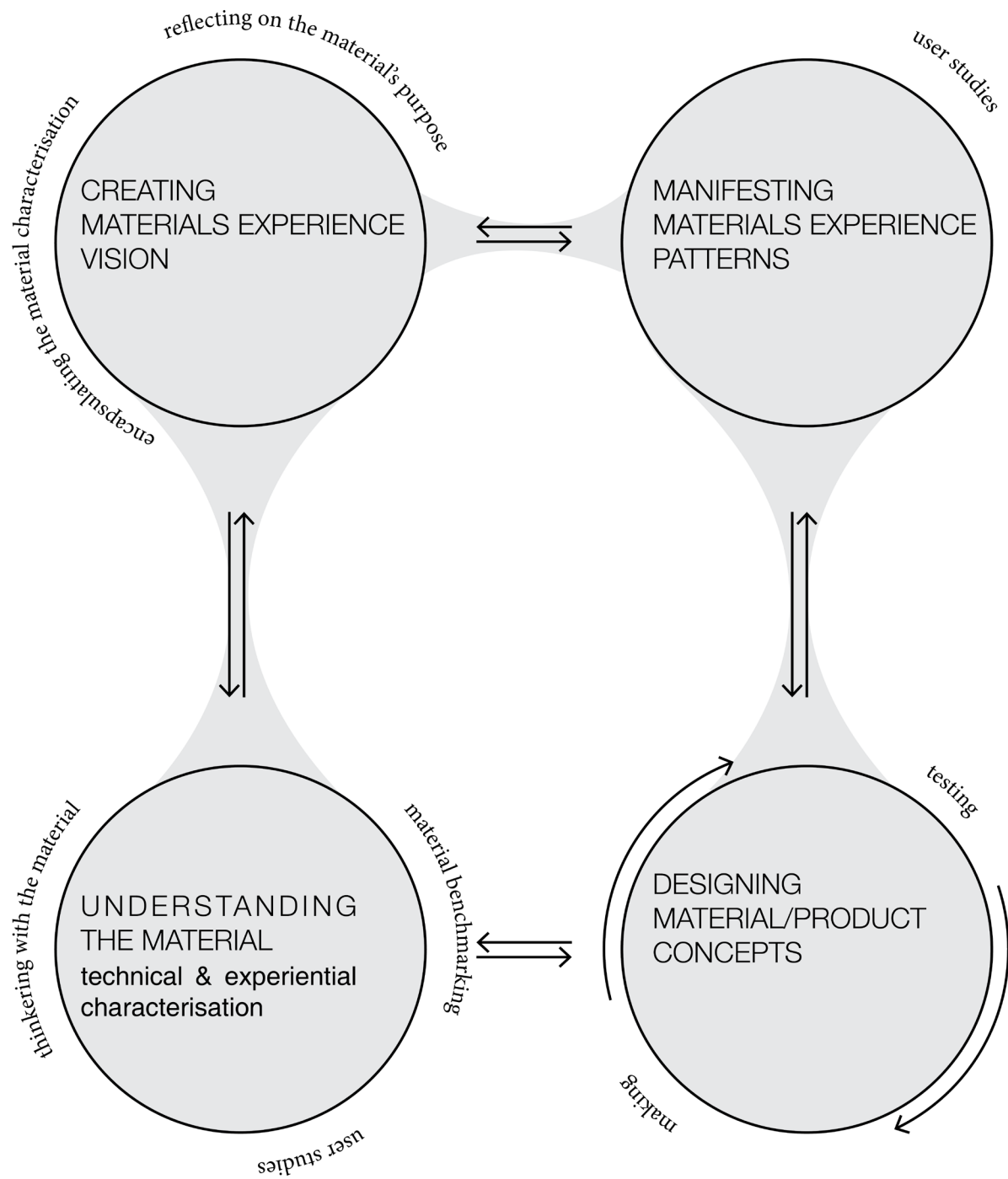
Muyinga library, compressed earth bricks
image:BC architects, 2013

site specific building, local materials



House Rauch, 2005
architect: Roger Boltshauser
image: Jasper Van der Linden, 2019

earth in contemporary western-europe
low impact: abundant, low energy and harmless at end-of-life
but, if applied,



Material Driven Design, action scheme.
 Adapted from scheme by Karana et al. (2015)
 image: Jasper Van der Linden, 2019

design process starting from one specific material: earth



Earth raw materials
Earth material samples
image: Jasper Van der Linden, 2019

colour



roughness



fibres





set-up for material experience survey & interviews
Civa, Brussels
image: Jasper Van der Linden, 2019

user studies: experiential characterisation
sample 4: attraction, trust, natural



MONK design
rammed earth
image: Jasper Van der Linden, 2019

create material experience vision
goal: attraction / means: refined, imperfections, naturalness



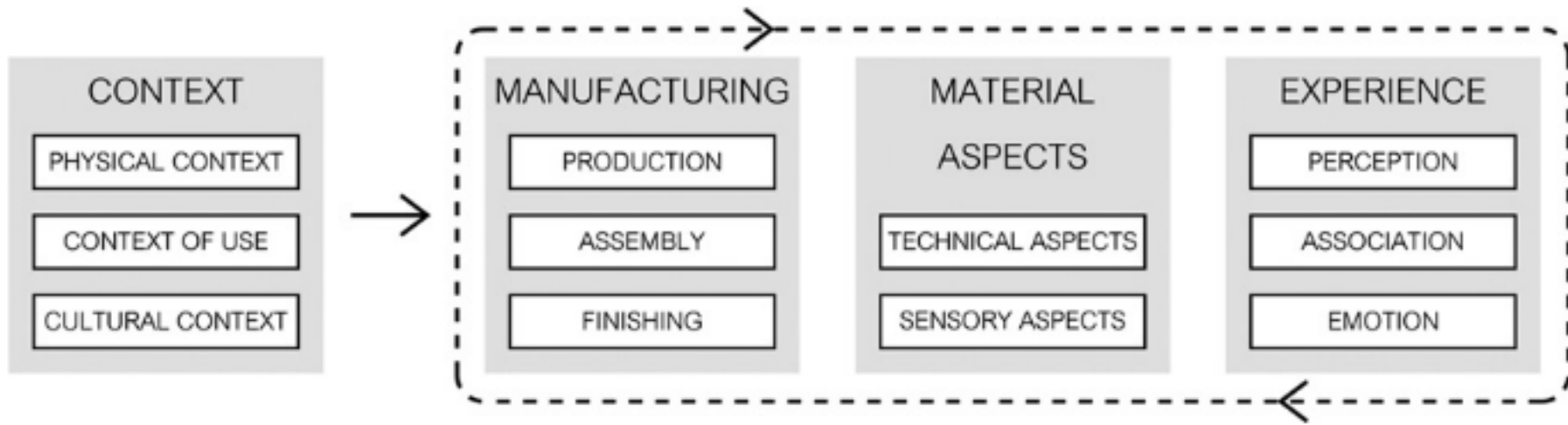
MONK design
rammed earth
image: Jasper Van der Linden, 2019

design material / product
make product



Advanced rammed earth workshop
Bc Materials, Brussels
image: Jasper Van der Linden, 2019

design as a communication tool



Scheme proposal by (Wastiels & Wouters (2012)
material selection considerations for architectural projects



Advanced rammed earth workshop, polished rammed earth surface
Bc Materials, Brussels
image: Jasper Van der Linden, 2019

material finishing



Advanced rammed earth workshop
Bc Materials, Brussels
image: Dieter Van Caneghem, 2019

production



Workshop Beyond Borders,
Ouled Merzoug, Morocco
image: Jasper Van der Linden, 2019

cultural context



Observation tower, Negenoord
architect: De gouden liniaal. earth expertise: BC studies
image: Jasper Van der Linden, 2019

physical context: scale



Ricola herb center, rammed earth - Martin Rauch
architect: Herzog & De Meuron
image: Jasper Van der Linden, 2019

context: architectural detailing



swiss ornithological institute, rammed earth - Martin Rauch
architect: :MLZD
image: Jasper Van der Linden, 2019

time aspect



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