

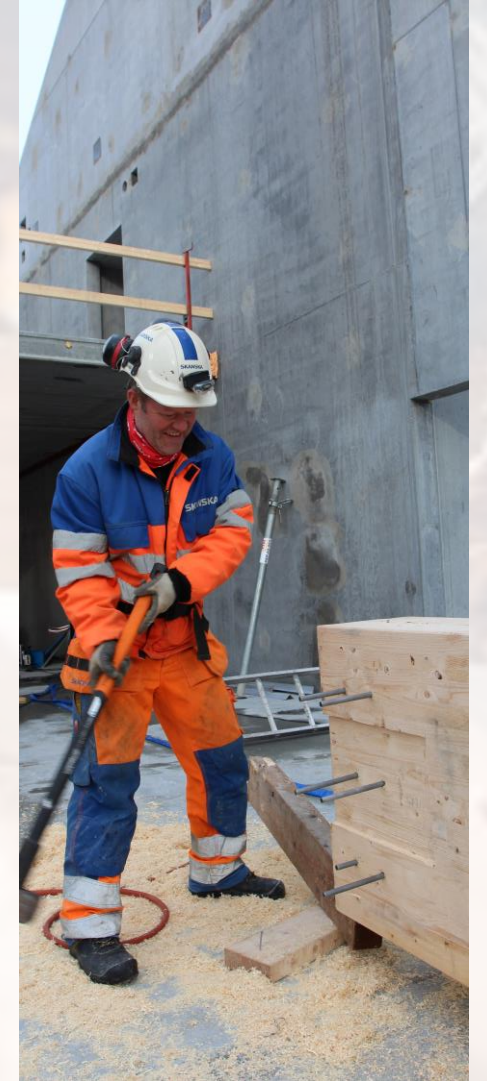
Wood quality and influence of building constructions

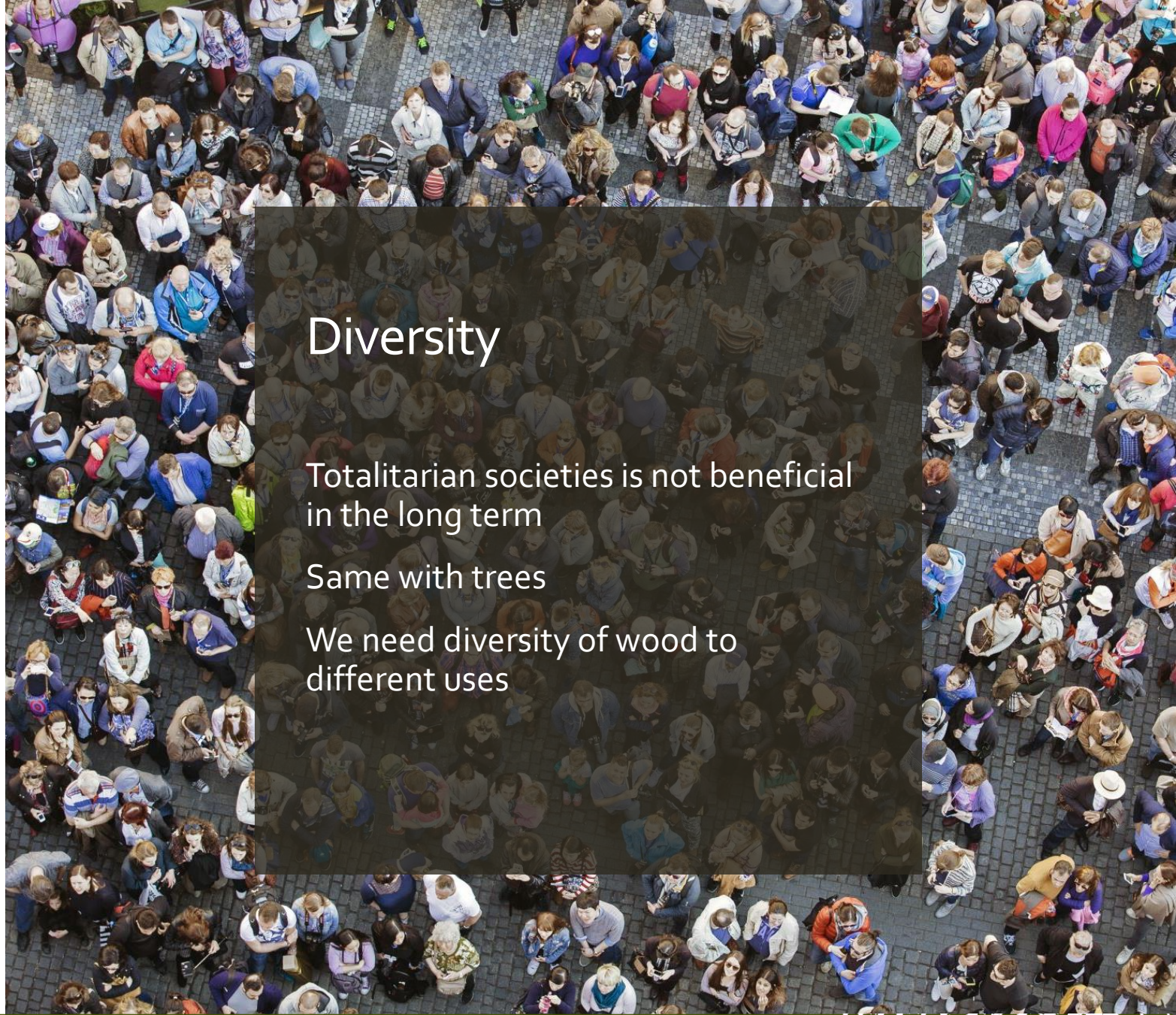
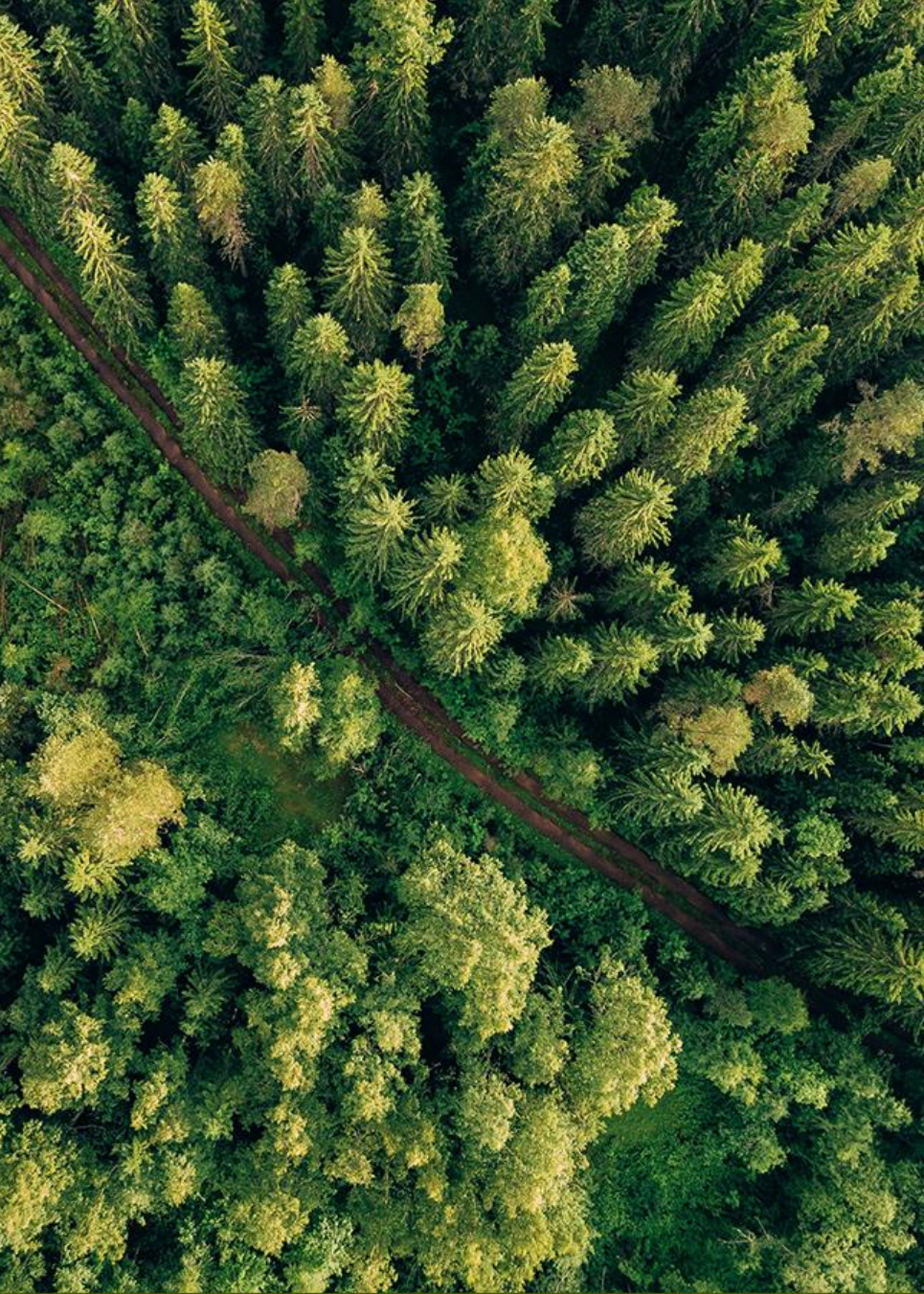
Expirence by doing it
Green Advisers 2023-01-25



What we do

Green Advisers AS





Diversity

Totalitarian societies is not beneficial
in the long term

Same with trees

We need diversity of wood to
different uses



Experience with pine & spruce

Specie, wood grading and density is three simplified indicators of wood quality in the standards

Grain quality do affect of threading of the screw

Screw head according to shear capacity of wood



Experience with pine & spruce

Fast grown wood is not good

Age of trees do matter

Younger trees tend to twist more

Rapid change of fiber structure have tendency of internal splitting/cracking more



Connections
make the
difference



Fat core
pinewood /
juvenile wood
gives new
possibilities





And keeping historical artifacts alive


- The need of diversity to have find the correct raw materials
 - From our old wooden churches to wooden historical towns
- Reusing the knowledge to invent the future



My last wish

Look at the whole value chain, beyond the saw mill or wood fiber factory





Thank you for your attention!
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