



After Marina Siracchi



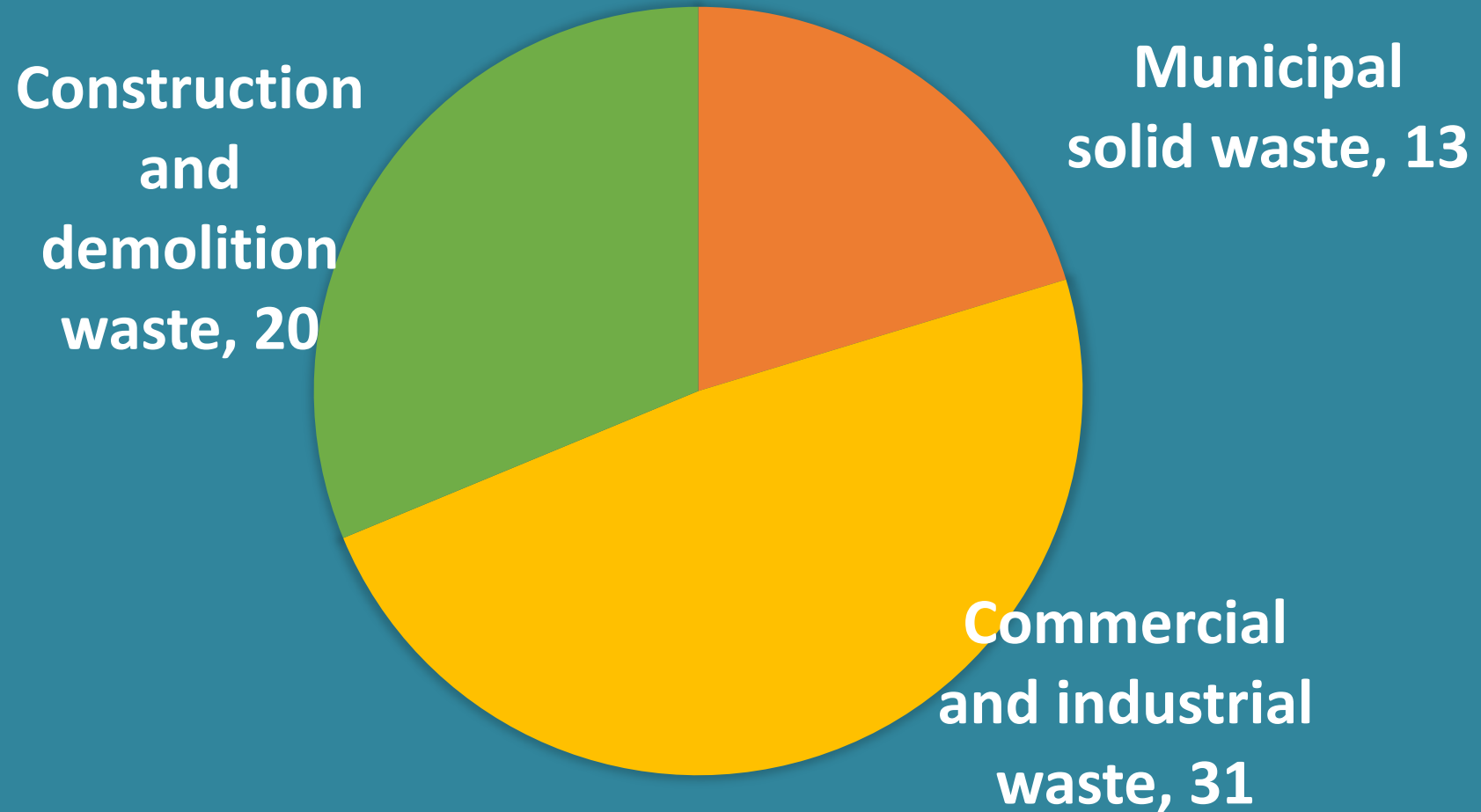
Reducing waste at the design stage

by Deepika Mathur



NORTHERN
INSTITUTE
People. Policy. Place.

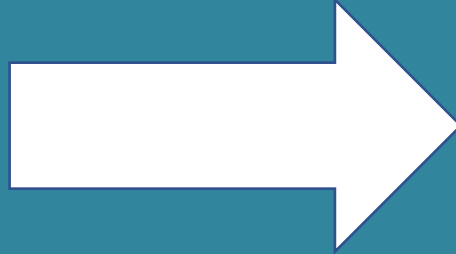
WASTE STREAMS IN MILLION TONNES







https://www.google.com.au/search?q=building+construction&rlz=1C1GCEV_enAU822AU822&source=Inms&tbn=isch&sa=X&ved=0ahUKEwjEjYvOrlffAhXIXysKHc9RB3cQ_AUIDigB&biw=1262&bih=558#imgrc=uQ8yerYtrzKTaM:



[https://en.wikipedia.org/wiki/Skip_\(container\)](https://en.wikipedia.org/wiki/Skip_(container))





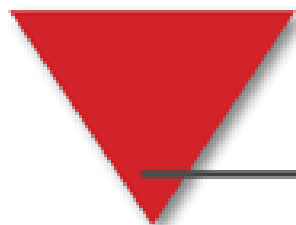
Reduce



Reuse



Recycle



Dispose

Perceptions

Awareness of role

“I think it disappears into pixie dust”

“More than small”

“We’re implicated in the whole building industry, waste is a huge part of the building industry”

Culture of waste

“Convenience. It’s more convenient to generate waste than to not generate waste”

Adversarial roles



<https://www.inc.com/gordon-tredgold/bad-leaders-focus-on-blame-not-solutions.html>

Cost

New waste saving technologies



<https://425business.com/construction-costs-are-up-but-its-not-time-to-worry-yet/>

Client
requirements

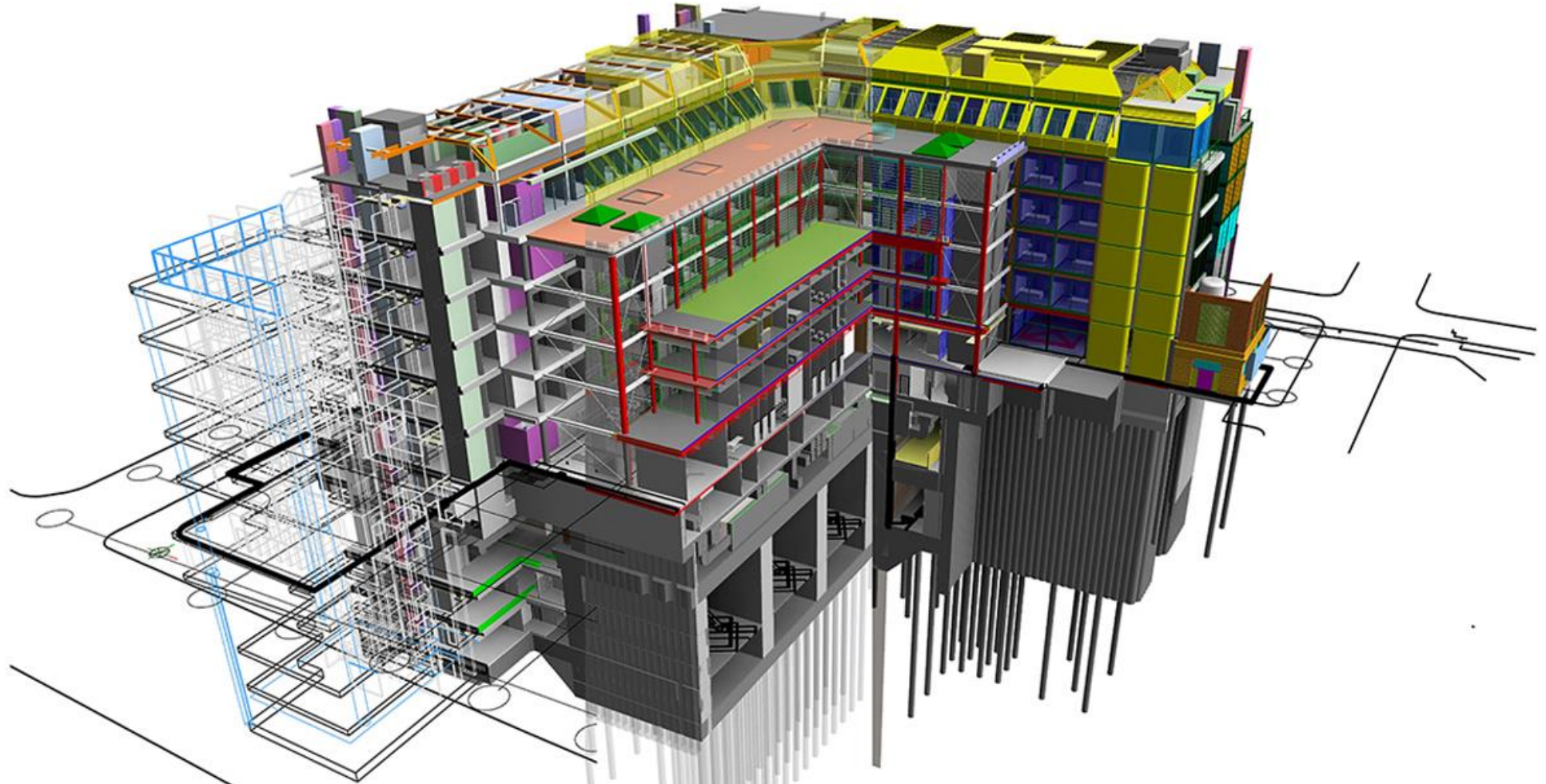
Zero waste?

Experience

Material sizes

Risks and regulation

Computer software



<https://www.wsp.com/en-GB/services/building-information-modelling-bim>

Reusing or recycling materials



Role of regulation



<https://gnconsulting.com.au/bca-advice/>



Perceptions

Cost

Risks and regulations

Way forward