DISRUPT II project: Developing a Guidance for Recovering Steel for Reuse

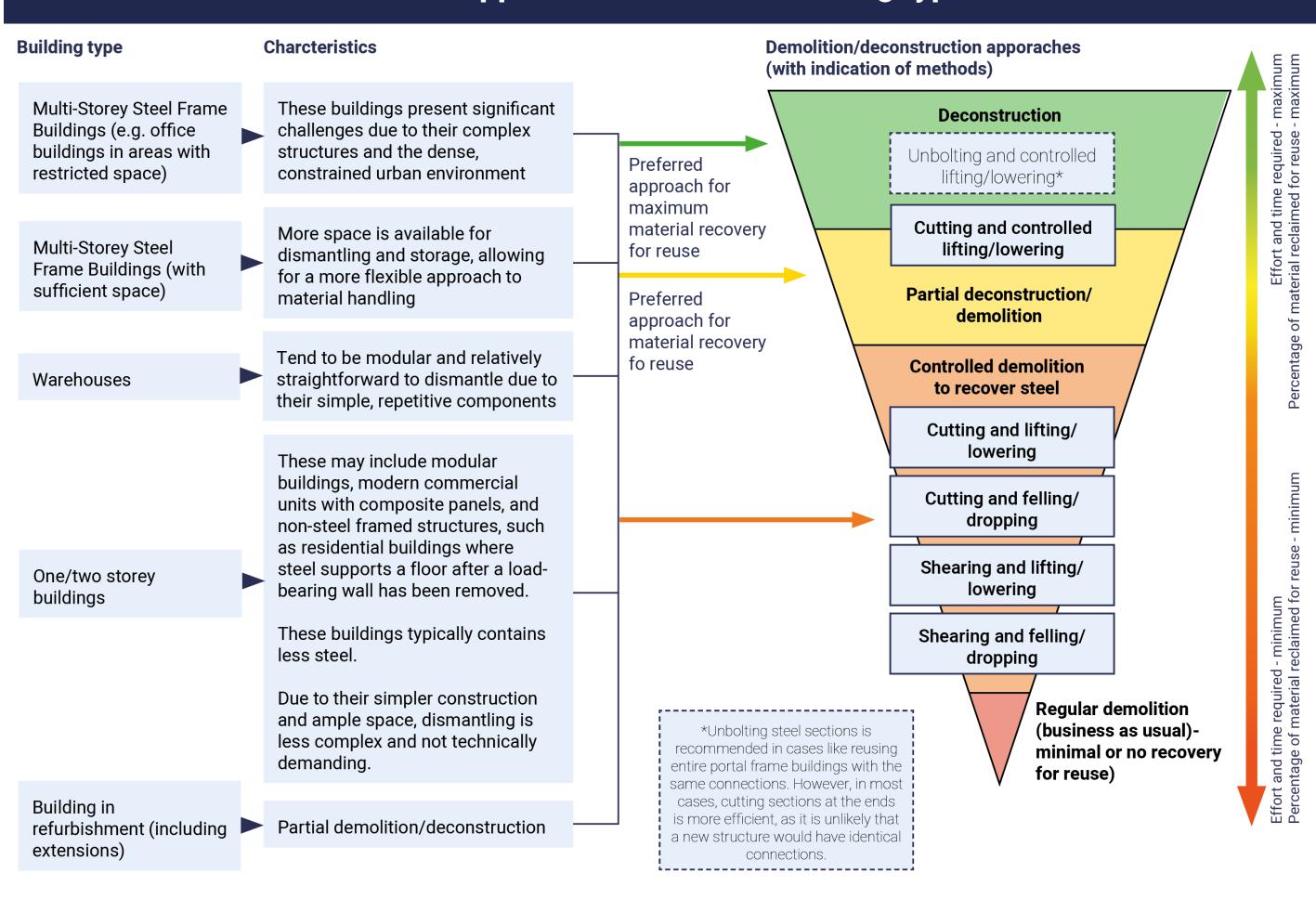
DISRUPT II is a deep dive into the demolition sector, aiming to overcome barriers to the availability of reclaimed steel. It builds upon our previous DISRUPT I project on steel reuse.

The project achieves its goals by developing guidance for recovering steel from buildings through:

- Engaging closely with the demolition industry via their industry body, the Institute of Demolition Engineers (IDE).
- Conducting site visits and developing detailed case studies.
- Investigating procurement arrangements and exploring ways to improve them to encourage the recovery of more steel from buildings.
- Encouraging broader dialogue, particularly between designers and demolition contractors, through ASBP's ongoing Reuse Now Campaign. This involves in-person events, collating industry knowledge on reuse, and signposting best practices and case studies.

Diagrams 1 and 2 present some of the project's outputs.

1. Demolition/deconstruction approaches linked to building types



Learn more

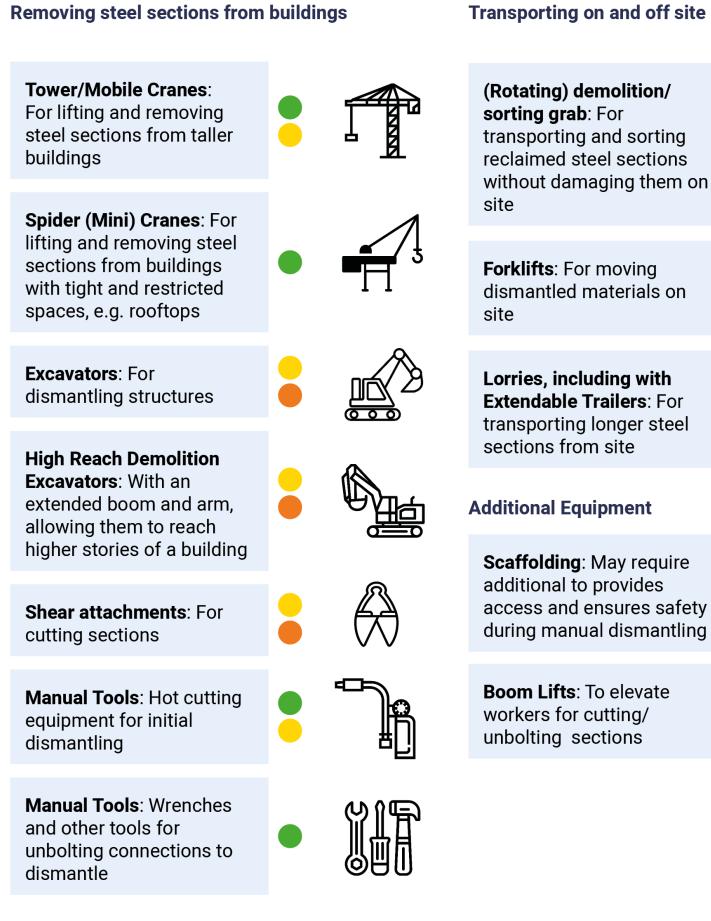
about our

previous

DISRUPT I

project:

2. Extra equipment required for reuse vs business as usual



These are only some of our **project outputs**. Want to know more?

We will also be launching:

- \checkmark A decision tree for determining whether steel is acceptable for reuse
- ✓ Guidance for conducting pre-demolition audits
- A photographic library showing different types of steels in situ and after recovery, and their suitability for reuse
- ✓ Detailed case studies detailing approaches for recovering steel for reuse
- ✓ Procurement recommendations
- ✓ A guidance note on WLCA
- \checkmark and more

Project team:







The Alliance for Sustainable **Building Products**





Processing on site: such as removing fixings from steel sections for efficient transport and compliance with stockholder (or any other) customer acceptance criteria Manual Tools: Hot cutting equipment for processing reclaimed steel on site <u>ĝ</u> Manual Tools: Wrenches and other tools for unbolting connections Manual Tools: Saws and other tools for cutting **بر (()** connections and detailed dismantling work Sorting and Grading: visual checks to assess the condition of reclaimed materials Key - Corresponding approach to deconstruction/demolition Deconstruction

Register for our project closing event on 22 October in London:

Partial deconstruction/demolition

Controlled demolition to recover steel



Further info:

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