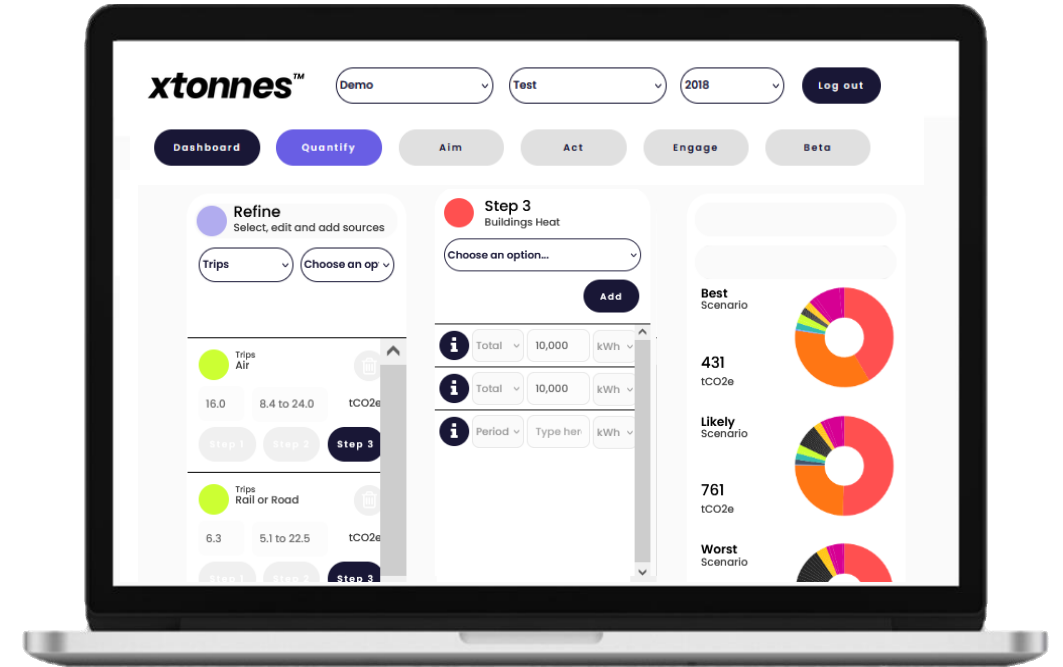# xtonnes™

About xtonnes

xtonnes™

Carbon management software for your organisation **and** products

Intuitive, dynamic software

Comprehensive GHGP coverage

Works with your data maturity level

Built & supported by experts

Looks ahead to future-proof your business

What is a carbon footprint?

Used commonly to mean the total amount of **all** greenhouse gases (not just carbon dioxide) that are generated by a person, business or activity.

Translation: The fuel and energy that goes into making your business happen

Why get one?

Made to

- SECR/ TCFD regulation
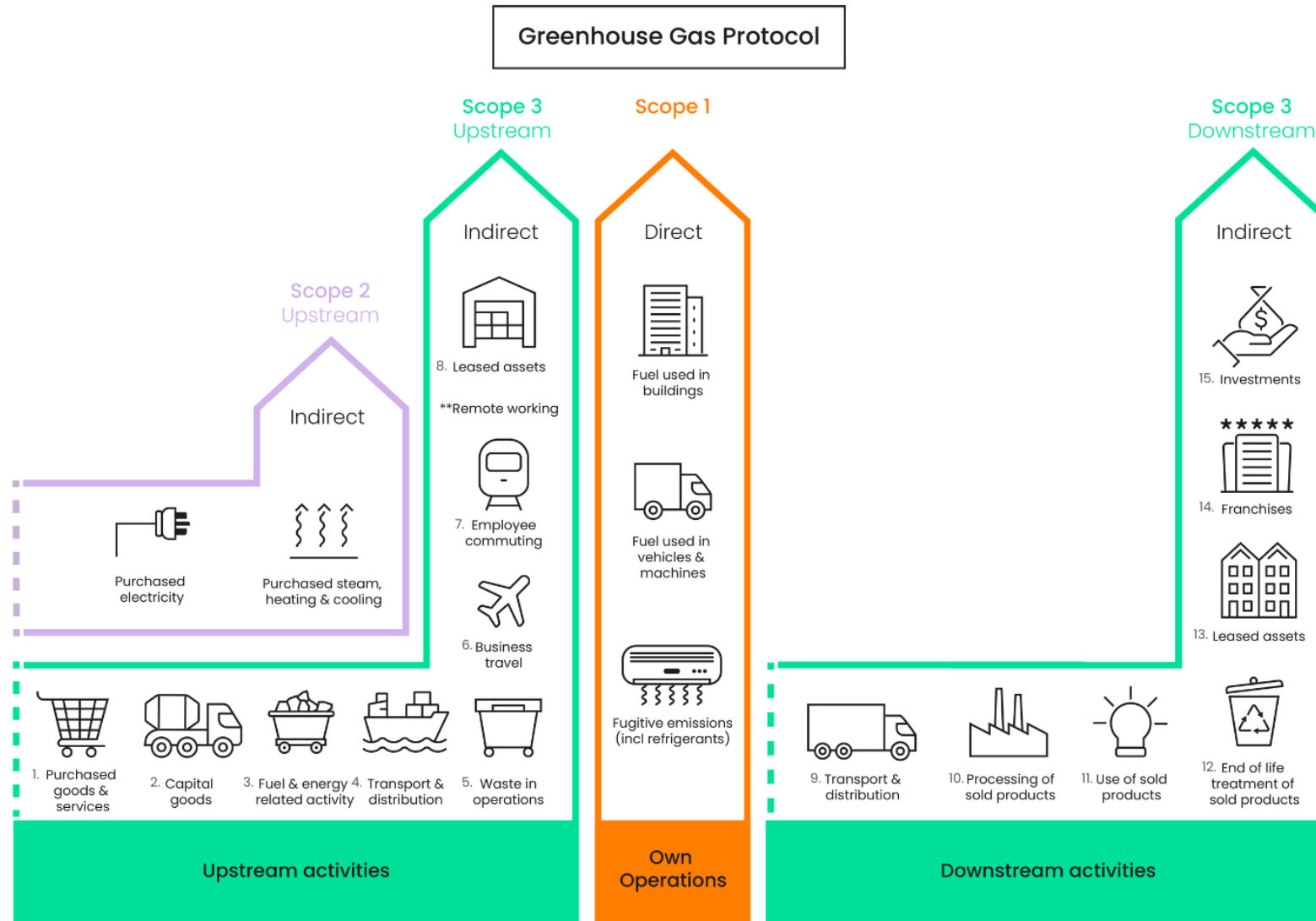- PPN06
- Investor requirements

Need to

- Customer requests
- Bcorp certification
- Employee engagement

Want to

- Climate action
- Business risk management
- Market opportunity

What are the three "scopes" of emissions?

Greenhouse Gas Protocol

Scope 3 Upstream — Indirect

Scope 1 — Direct

Scope 3 Downstream — Indirect

Scope 2 Upstream — Indirect

Scope 2 / Scope 3 Upstream (Indirect):
- Purchased electricity
- Purchased steam, heating & cooling
- 8. Leased assets
- **Remote working
- 7. Employee commuting
- 6. Business travel

Scope 1 (Direct):
- Fuel used in buildings
- Fuel used in vehicles & machines
- Fugitive emissions (incl refrigerants)

Scope 3 Downstream (Indirect):
- 15. Investments
- 14. Franchises
- 13. Leased assets
- 12. End of life treatment of sold products

Upstream activities:
1. Purchased goods & services
2. Capital goods
3. Fuel & energy related activity
4. Transport & distribution
5. Waste in operations

Downstream activities:
9. Transport & distribution
10. Processing of sold products
11. Use of sold products

Own Operations

Upstream activities

Downstream activities

**Not in GHGP but included in xtonnes product to future-proof assessments

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What process should you follow?

Quantify	Aim	Act	Engage

Know where
you are
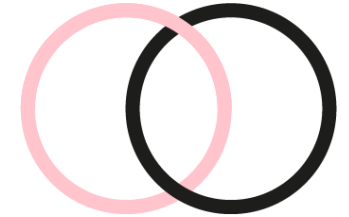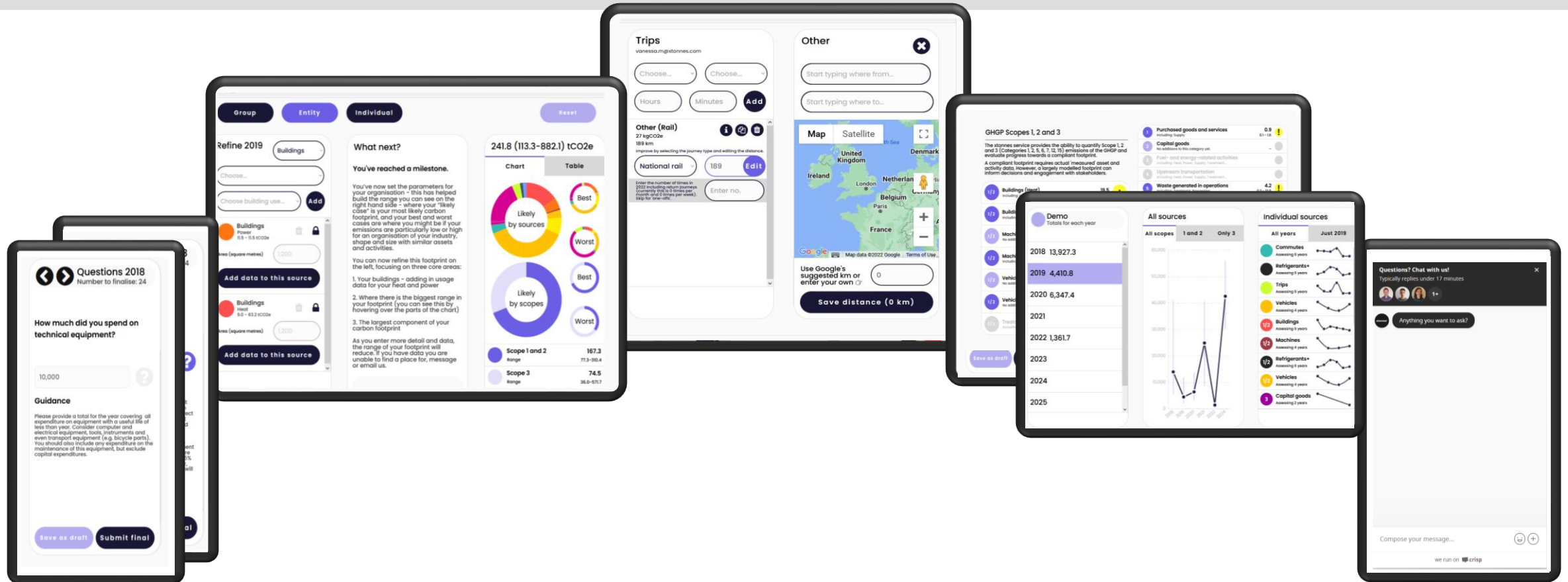
Set meaningful
objectives

Take
action

Report, share,
collaborate

Why xtonnes?

Easy-to-follow on-boarding and guidance to get started

Real-time dynamic modelling across all three scopes of the Greenhouse Gas Protocol (GHGP)

Smart data sourcing to increase the specificity of your footprint

Automated GHGP-aligned reporting, benchmarking and built-in data quality tracking

On-demand experts for all your emissions queries

We work with
businesses who
have tough carbon
challenges

& the power to
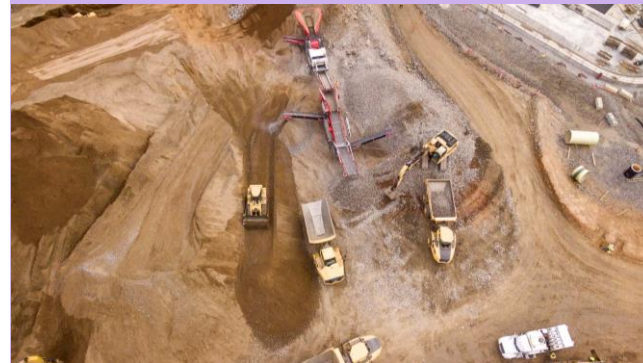change more than
just their own
emissions

Manufacturers

Designers

Construction

Portfolios

Built by a team who have modelled the impact of….

Hundreds of businesses

Major athletics events

Global clothing brands

London boroughs & entire cities

International football events

& many more..

The team

Dr Andy Hale
Co-founder & CEO

Leeds engineering, Bristol EngD &
Fellowship
10+ years' strategy & tech across
consultancy & academia

Bengt Cousins-Jenvey
Co-founder & CTO

Cambridge Architecture, UCL MSc
Architectural Computation
Sustainability and carbon guru with
15+ years' experience

Vanessa Macalliver
Co-founder & CCO

Cambridge History, IESE MBA
10+ years' solving complex corporate
challenges & relationship-building.
Former BCG

Laetitia Pancrazi Long
Commercial Manager

McGill Environmental
Geography, UCL MSc
Sustainable Urbanism, LSE
MSc Development Mgmt.
Joining Jan'22

Charlie Zhu
Data-O

UCL engineering, Imperial
MSc Environmental
technology

Developer
Jibril Gudal

Oxford BA Mathematics,
Statistics & Machine Learning

Methodology Partner
Ralf Waterfield

UEL Engineering, Delft MSc
Industrial Ecology

Product Designer
Hardy Saleh

Imperial MSc Engineering

Thank you!

xtonnes™

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