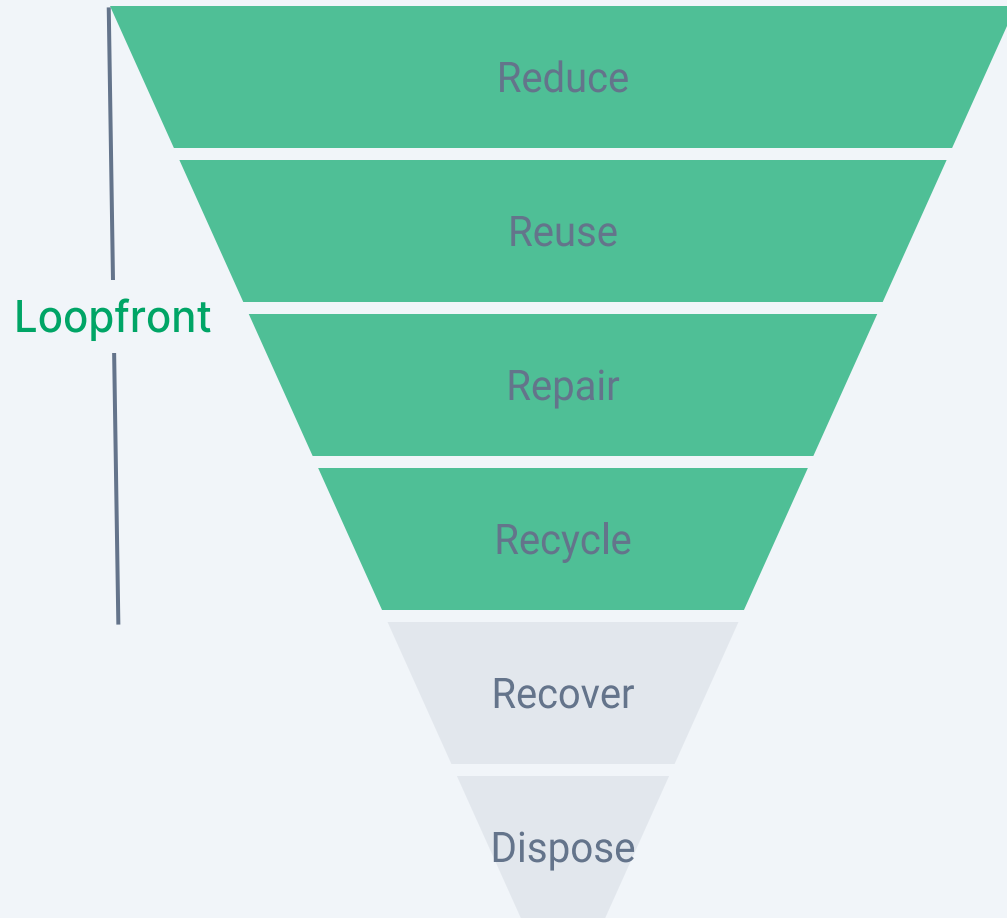


# Loopfront™

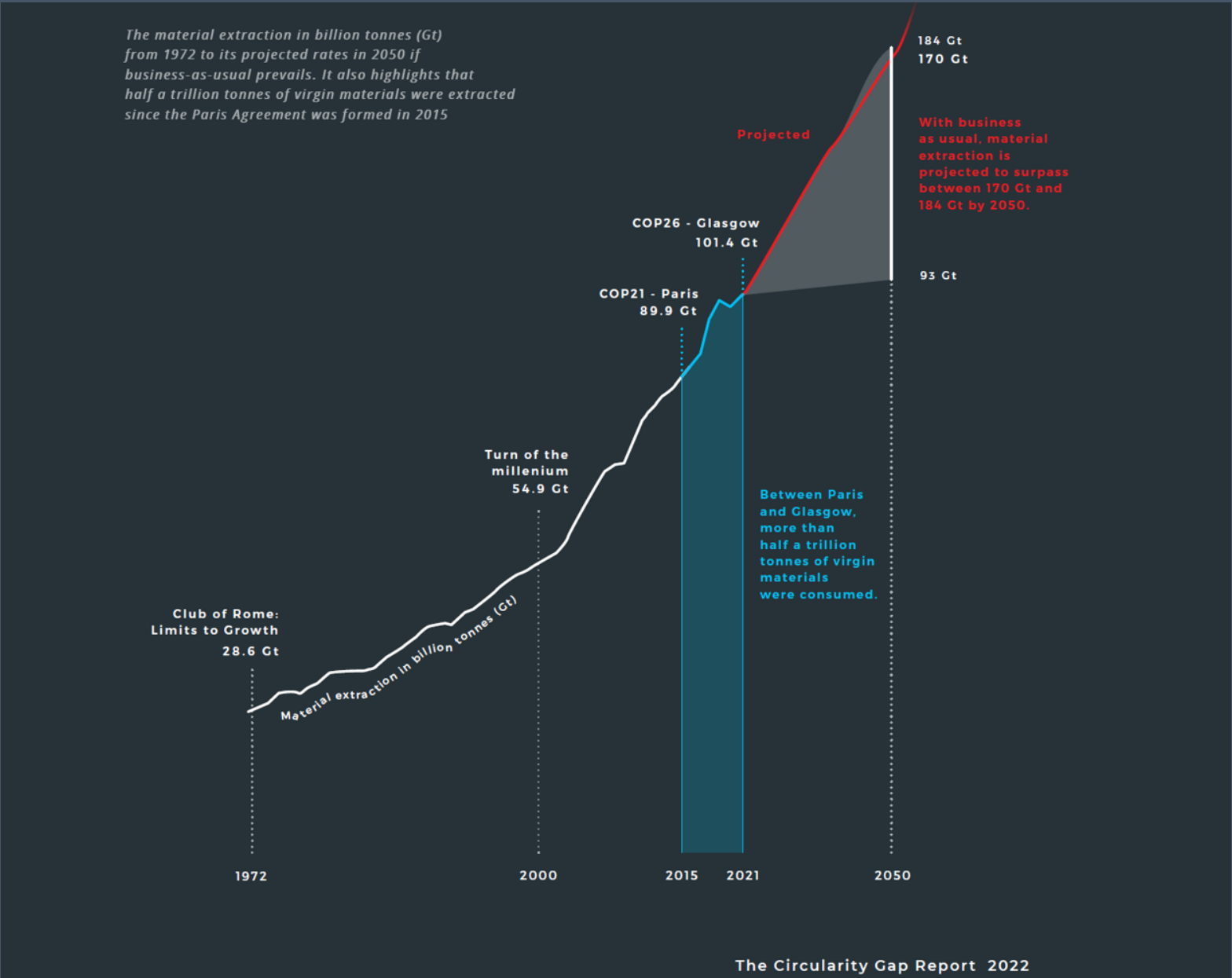
Reuse made easy



# Circular Economy Action Plan

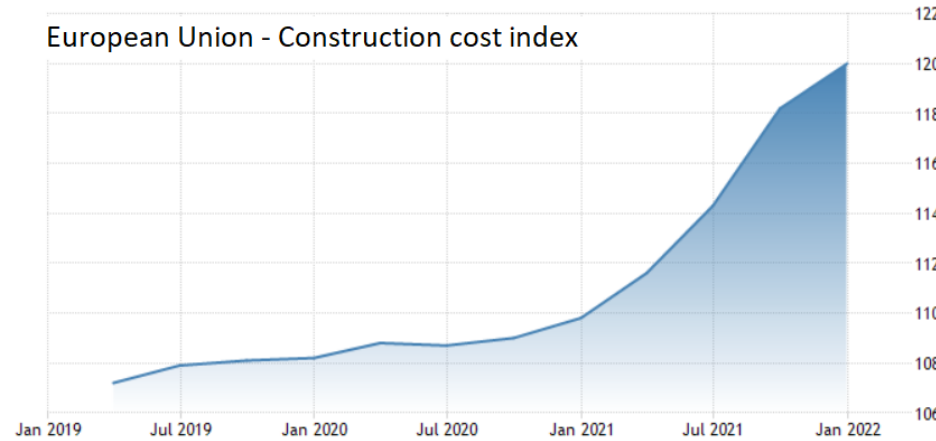


# Unsustainable use of raw materials



# Soaring material costs

European Union - Construction cost index



Source: Trading Economics

European companies + Add to myPT

## Europe faces building material shortages as energy prices soar

Chief of world's biggest brickmaker warns of hit to supplies as Ukraine war threatens to deepen industry's problems



Workers guide clay through a moulding machine on the production line at the Wienerberger brickmaking plant in Austria. © Lisa Niesner/Bloomberg



NEWS • KEY TOPICS • AGENDA • PROJECTS • DATA • EVENTS • SPONSORED • CONTACT • JOBS

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## As material costs soar, industry bodies warn of worse ahead

11 MAR 2022 | BY GREG PITCHER

Contractors are facing "serious difficulties" after prices of certain construction products have soared by a fifth already this year, a key body has warned.

NEW FACE-TO-FACE EVENT >>

INCREASE IN THE COST OF STEEL

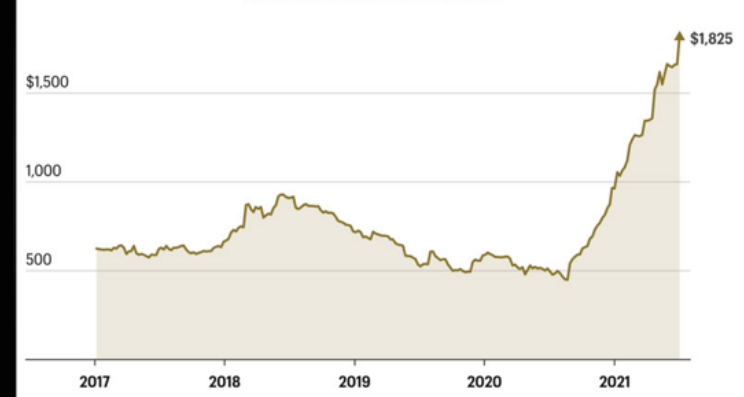


CHART: LANCE LAMBERT • SOURCE: MARKETWATCH

# The opportunity

## Circularity in Norway in 2030

Value creation (GDP)

**46** billion NOK

Contribution from specific initiatives in this report

**46** billion NOK

Total increase 2020-2030

Employment (full-time equivalents)

**14 000**

Contribution from specific initiatives in this report

# Why Loopfront?

- Reporting

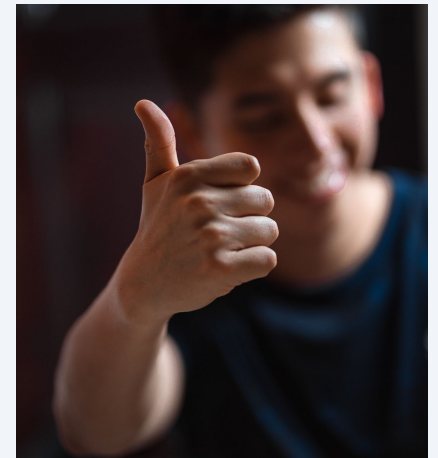
- KPI's toward your organizations goals and ambitions
- Certifications and favorable terms for finance
- Compliance

- Talent attraction and retention

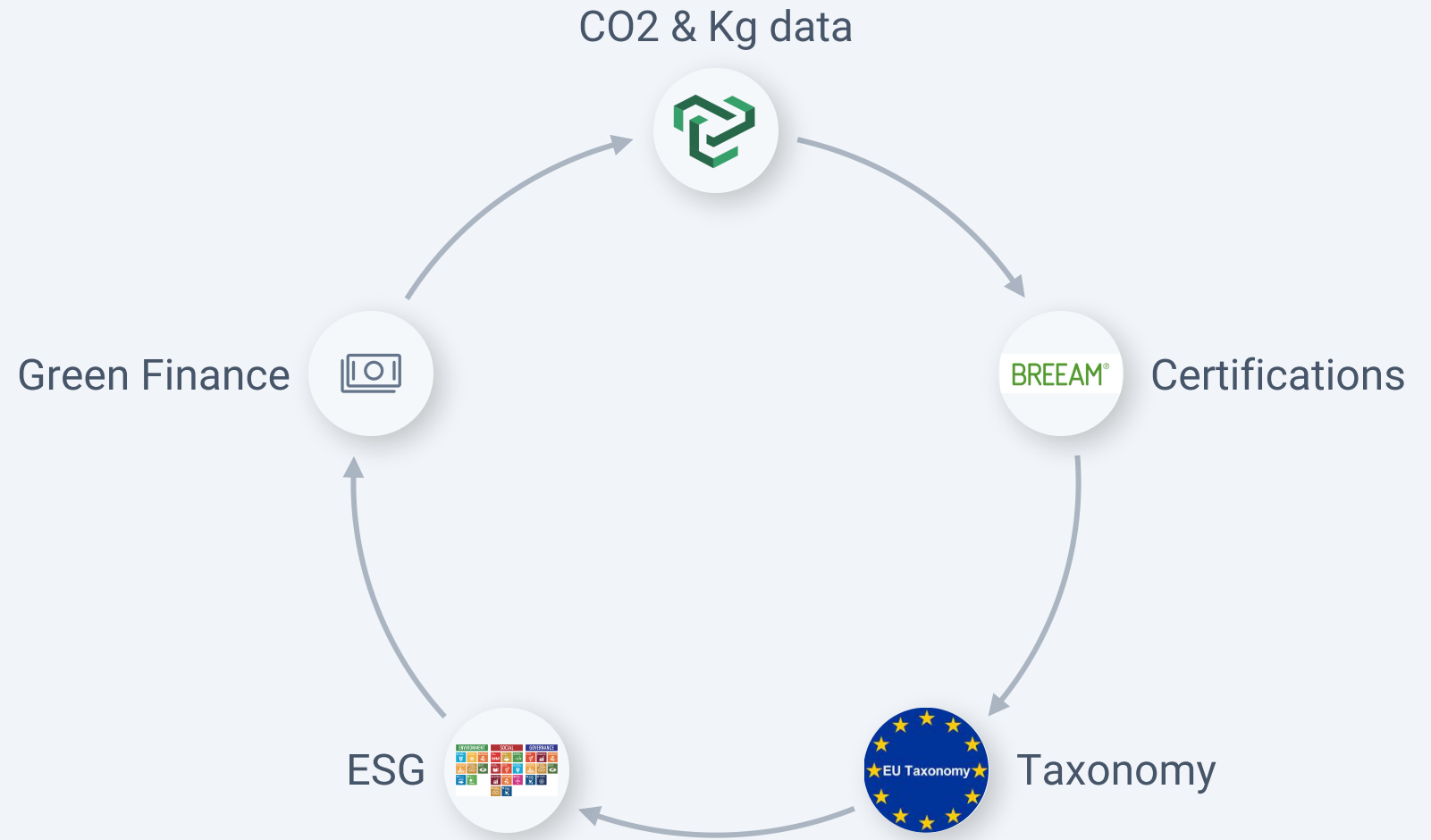
- Distinguish yourself as forward leaning and progressive
- Provide more than a job, provide meaning and purpose

- Public relations

- Strengthen your branding through measurable sustainability efforts



# Reporting and data

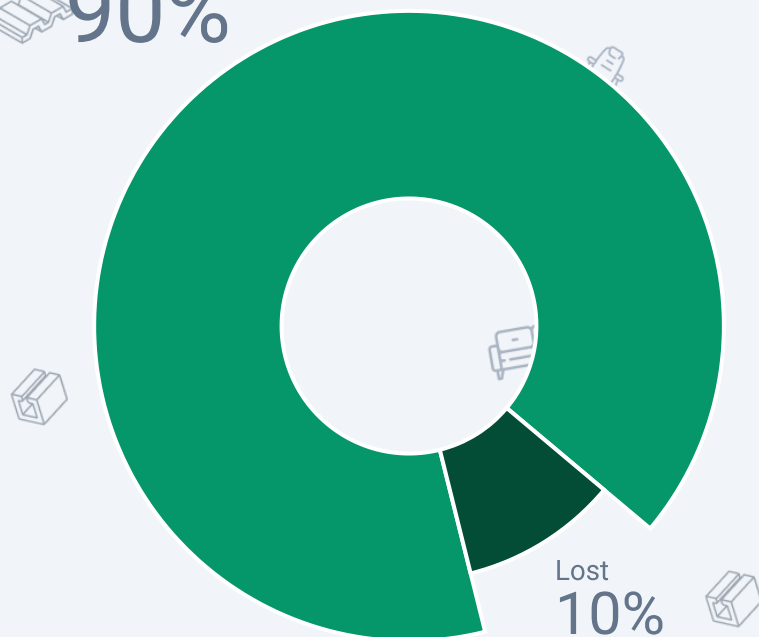


# EU Taxonomy

## Recommendations for technical screening criteria

prepared for  
re-use or  
recycling  
**90%**

Materials out



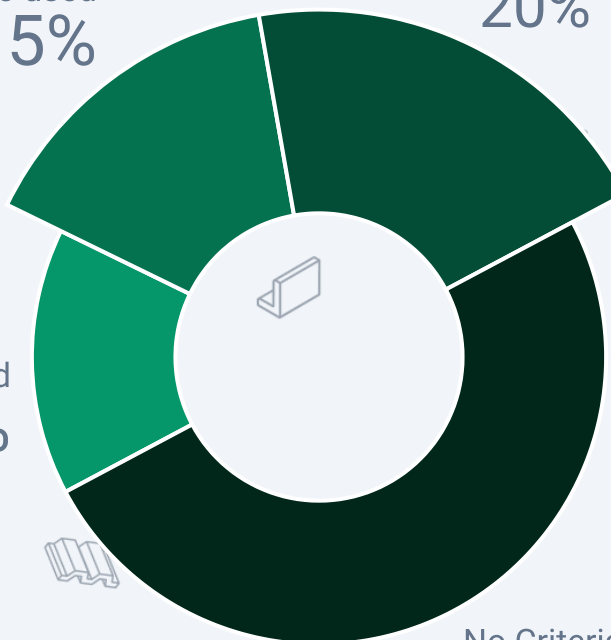
Materials in

Re-used OR recycled  
content OR by responsibly  
sourced, renewable  
materials  
**20%**

Re-used  
**15%**

Recycled  
**15%**

No Criteria  
**50%**





# Private sector market maturity

Commercial office space

Commercial retail space

Residential rentals

Storage/Logistics facilities



## Circularity

# Barriers Success factors

Loopfront hits the target

Barrier	Mindset and knowledge				
	Conservative way of thinking	Lack of collaboration	Reluctant to take/share risk	Lack of best practices	Lack of knowledge
Manufacturers					
Architects					
Building owners/contractors					
Environmental/reuse consultants					
Public institutions					

Success factor	Mindset and knowledge				
	Awareness and change of culture	Cooperation and communication	Risk sharing	Pilot projects	Knowledge
Manufacturers					
Architects					
Building owners/contractors					
Environmental/reuse consultants					
Public institutions					

Colour code	0%	1-25%	26-50%	51-75%	76-100%

Barriers, success factors, and perspectives for the reuse of construction products in Norway

Katrin Knoth [a,\\*](#), Selamawit Mamo Fufa [a](#), Erlend Seilskjær [b](#)

[a](#) Department of Architectural Engineering, SINTEF Community, P.O. Box 124 Blindern, NO-0314, Oslo, Norway [b](#) FutureBuilt, Josefines gate 34, N-0351, Oslo, Norway

Implementation and behavior change

## Typical challenges

1 -2 champions in an organization

"Others dispose of materials without my knowledge"

"I have to organize everything"

"I'm the only one who has oversight"

"I store used toilets at my house to save them from disposal"



# Implementation and behavior change



## Together with our customers we implement Circular-Self-Service

- Not just 1-2 people have responsibility and overview
- Everyone can survey materials and objects
- Everyone can order materials and see savings in the organization
- Everyone can cooperate internally and externally, “check first”



# Customer onboarding

You're not alone: we'll start building your circular competence

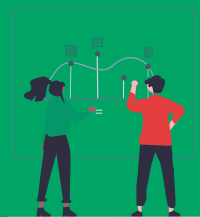
Get ready



Welcome

Together we  
set a plan  
tailored to  
your needs

Get  
started



Training

Our circular  
experts train  
your key  
personnel to  
send them on  
their circular  
journey



Survey

Go for it!  
We're just a  
phone call  
away to  
provide all the  
support you  
need when  
you get started

Get going!

Scheduled follow up sessions  
assure optimal performance when  
your team is up and running!



Process



Evaluation



Mastery



# Your circular solution



## Obstacles to circularity

1. **Surveys** are time consuming
2. Materials are lost in storage indefinitely
3. Data resides in static and isolated files
4. Collaboration over email



## Loopfront to the rescue

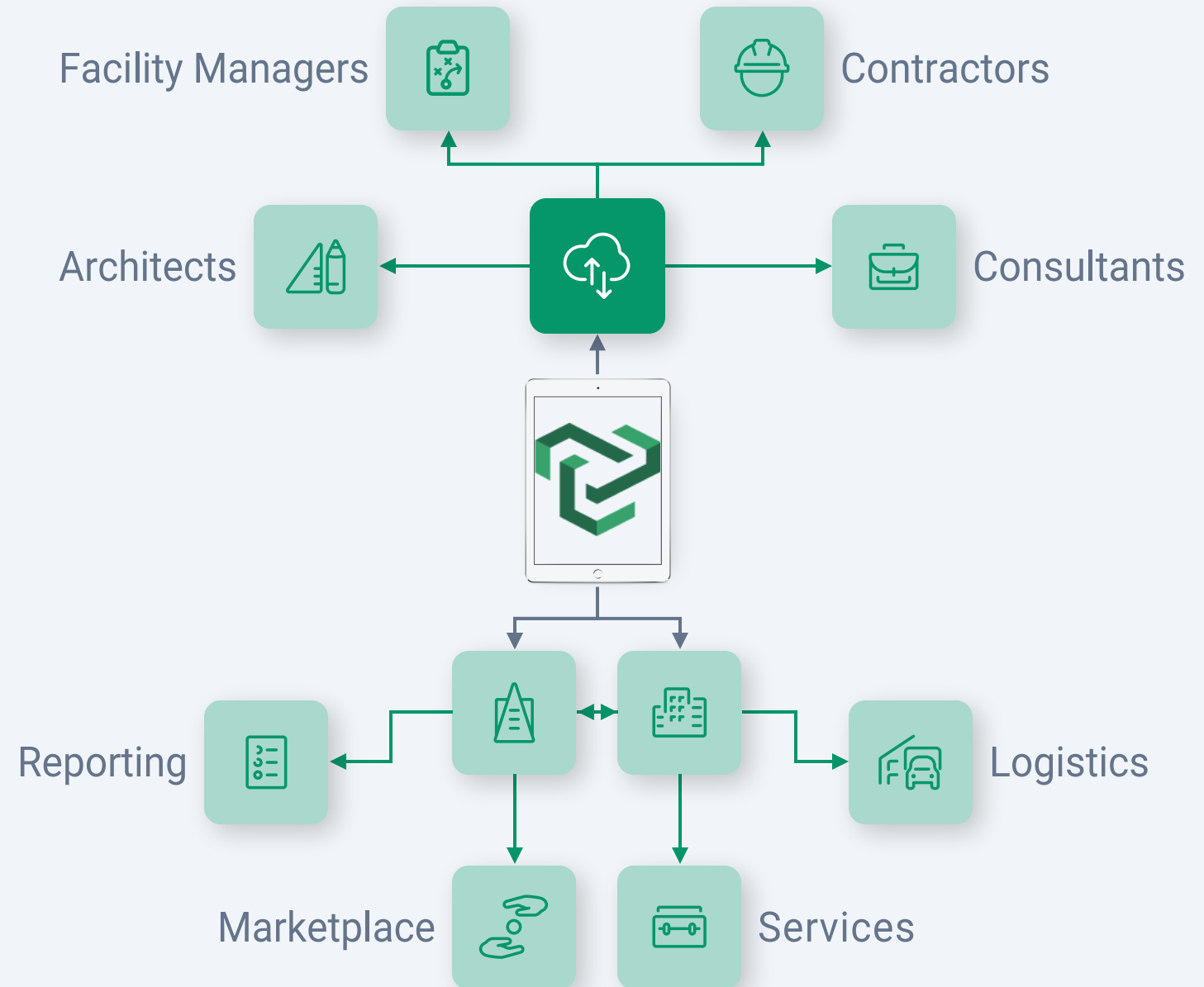
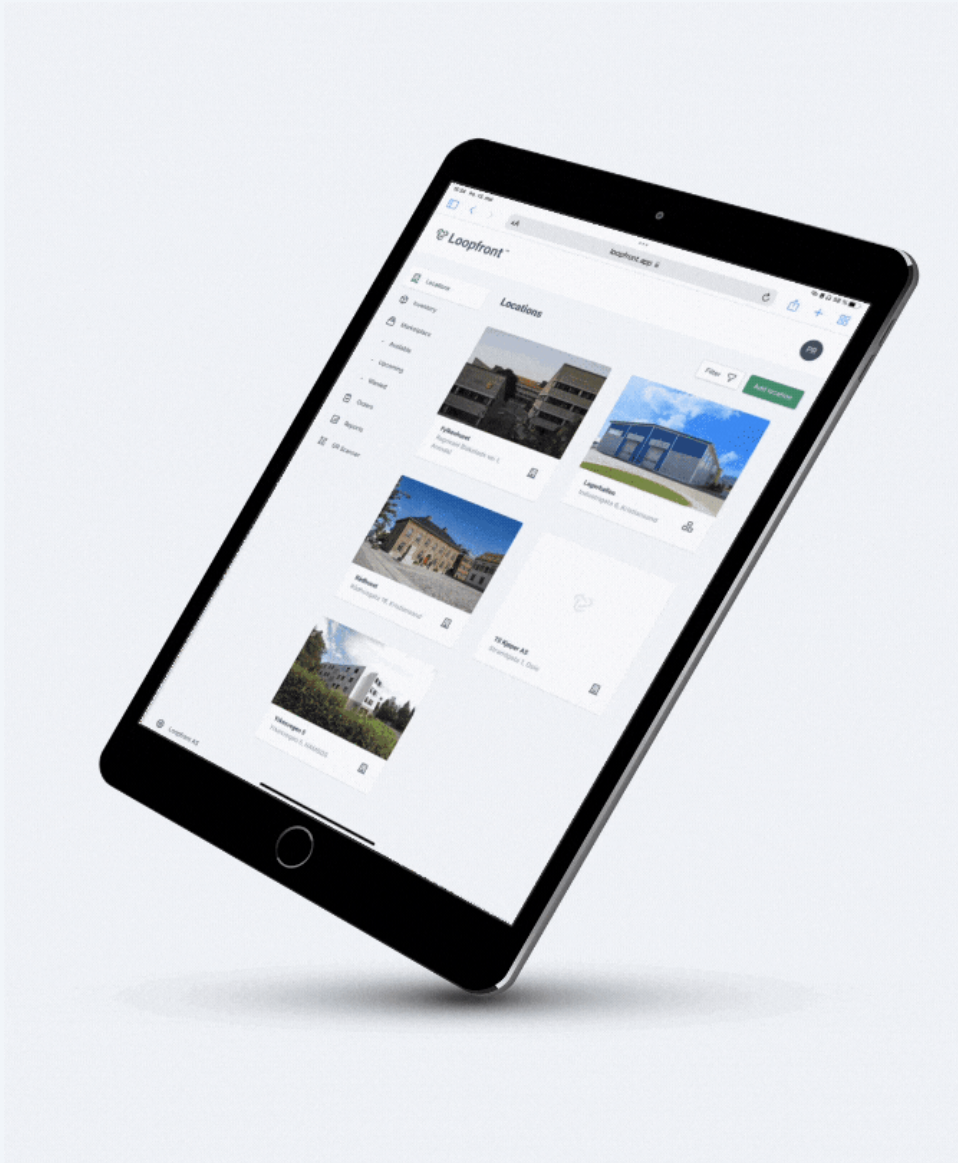
1. Efficient tool reduces survey times by up to 50%
2. Digital identity assigned to physical materials ensure visibility
3. Dynamic cloud-based data storage ensures current and reliable data
4. Cloud-based data accessible to all collaborators in real-time

“

“During the first couple of months, we have already surveyed almost **10,000 materials.**”

ANETTE VINJE, EC DAHLS EIENDOM



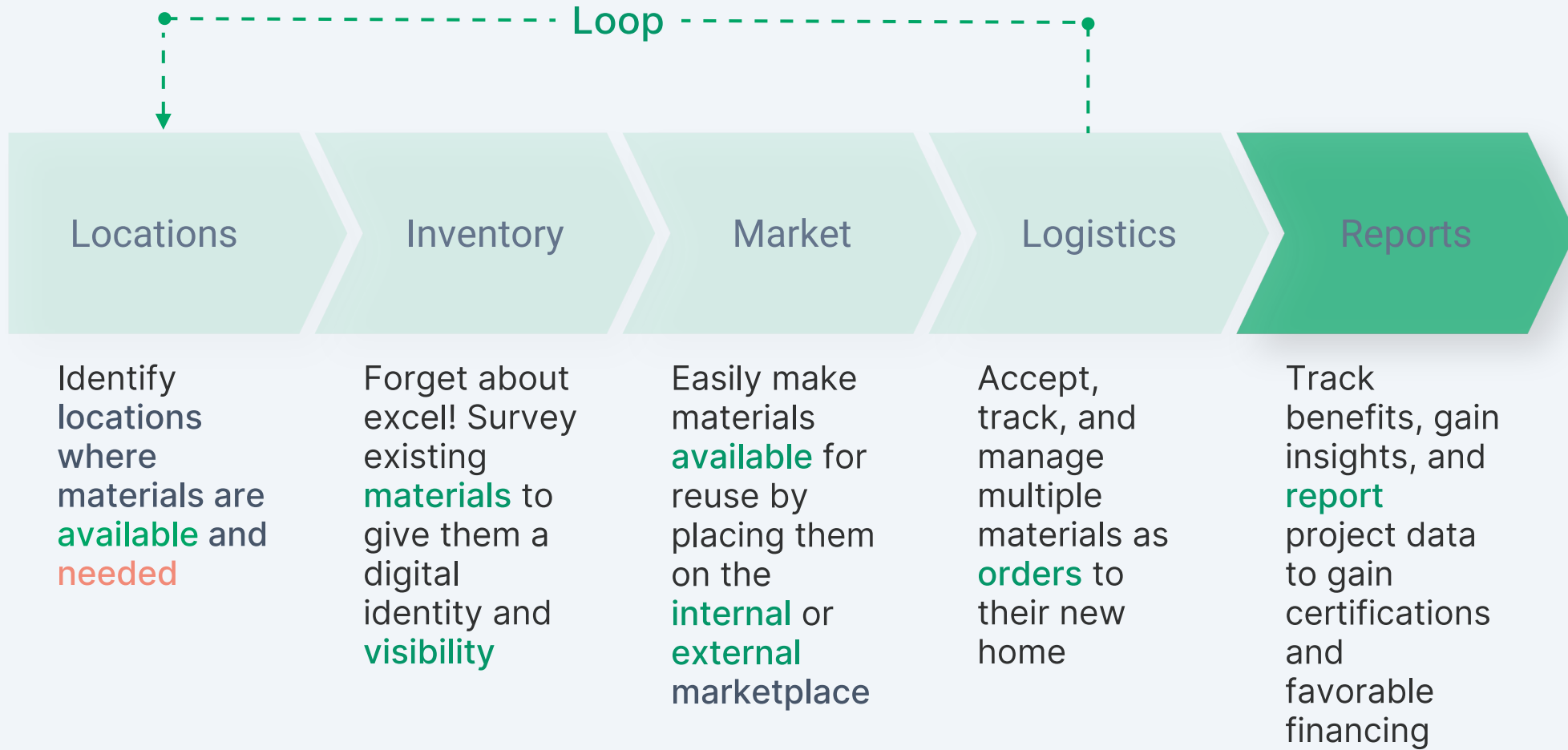

































# At the Center



# The Loopfront Process



# Our customers

 Oslo	 Kristiansand kommune	 AGDER fylkeskommune	 ÖSTERSUNDS KOMMUN	 Statkraft	 TRONDHEIM KOMMUNE
 Trøndelag fylkeskommune	 OMSORGSBYGG OSLO KF	 STATSBYGG	 Asker kommune	 Vestland fylkeskommune	 Kinn kommune
 AVINOR	 HELSE BERGEN Haukeland universitetssjukehus	 SWECO	 BÆRUM KOMMUNE	 UNIVERSITETET I BERGEN	 BOB
 MUSTAD EIENDOM	 Vestfold og Telemark FYLKESKOMMUNE	 Koteng	 E.C. DAHL'S EIENDOM	 HÖEGH EIENDOM	 OSLO AREAL
 VSTRE VIKEN	 KLP	 REGION VÄSTRA GÖTALAND	 NFB INTERNATIONAL RELOCATIONS	 FRYDENBØ	

# Circular Economics is a central part of a sustainability strategy

First in the EU to buy a CMS for entire organisation:

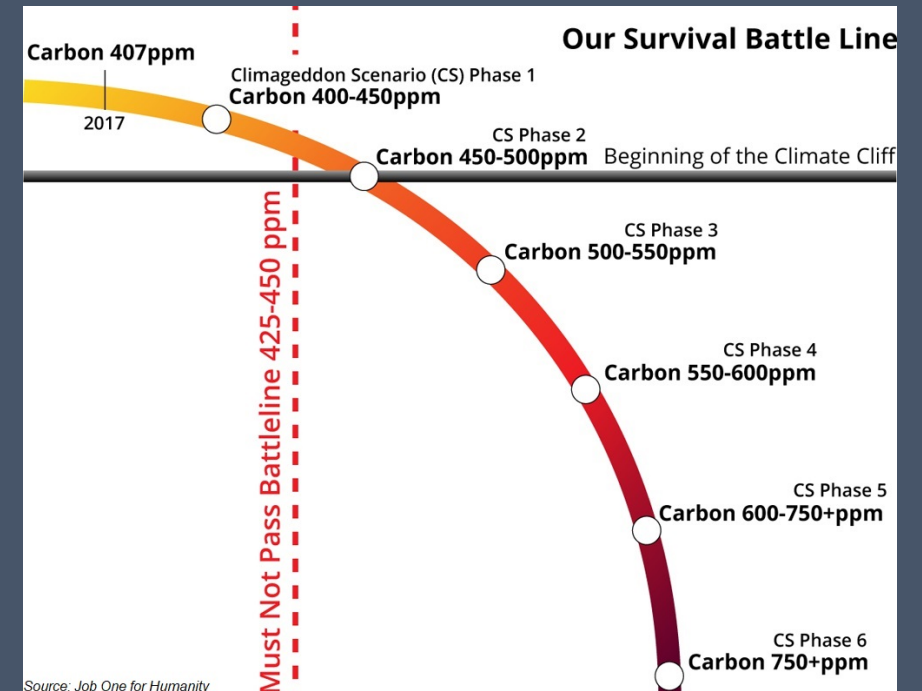
- 1,6 mill. m2 building area
- 16 000 employees
- Dedicated reuse storage facility





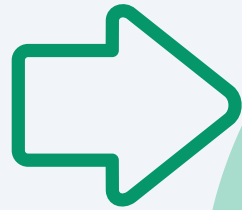
# Time is of the essence!

Reuse now  
Reuse later



# Don't delay! Get going!

Start here

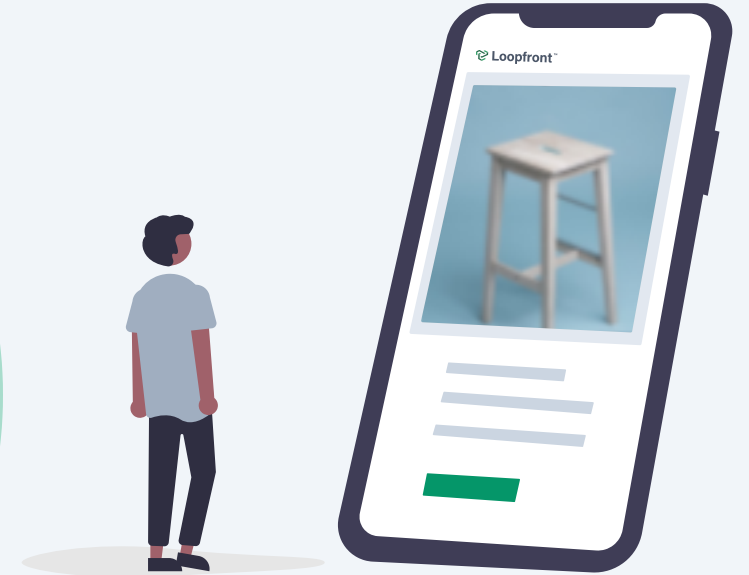


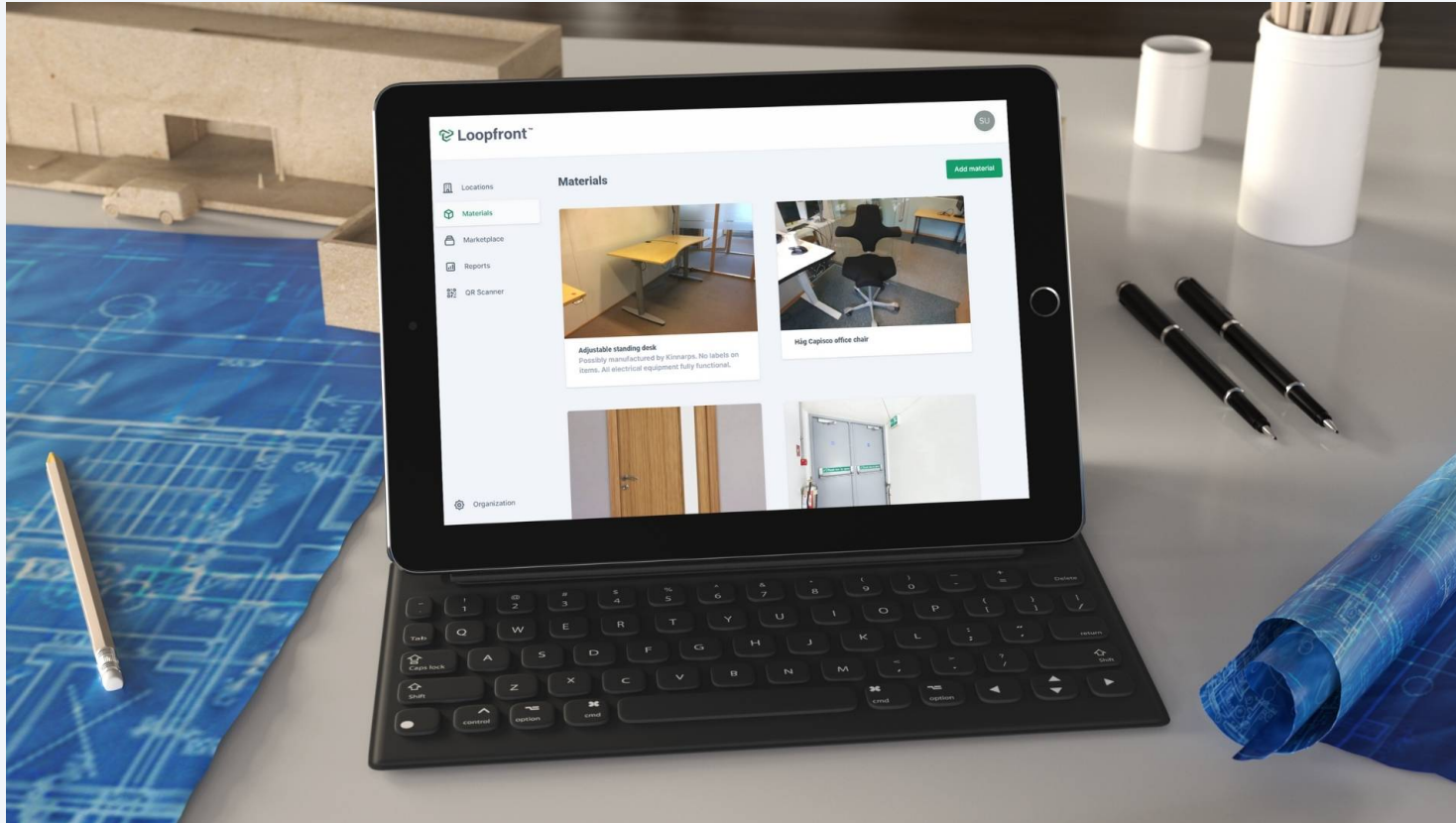
Defined scope

Define

- Location
- Material
- Goal

Total material  
resource  
potential





[contact@loopfront.com](mailto:contact@loopfront.com)

<http://www.loopfront.com>



Scan for more info!

Thank You!