

Data driven

A digital infrastructure
for circular textiles

NIST Circular Textiles Workshop
Traci Kinden, CEO

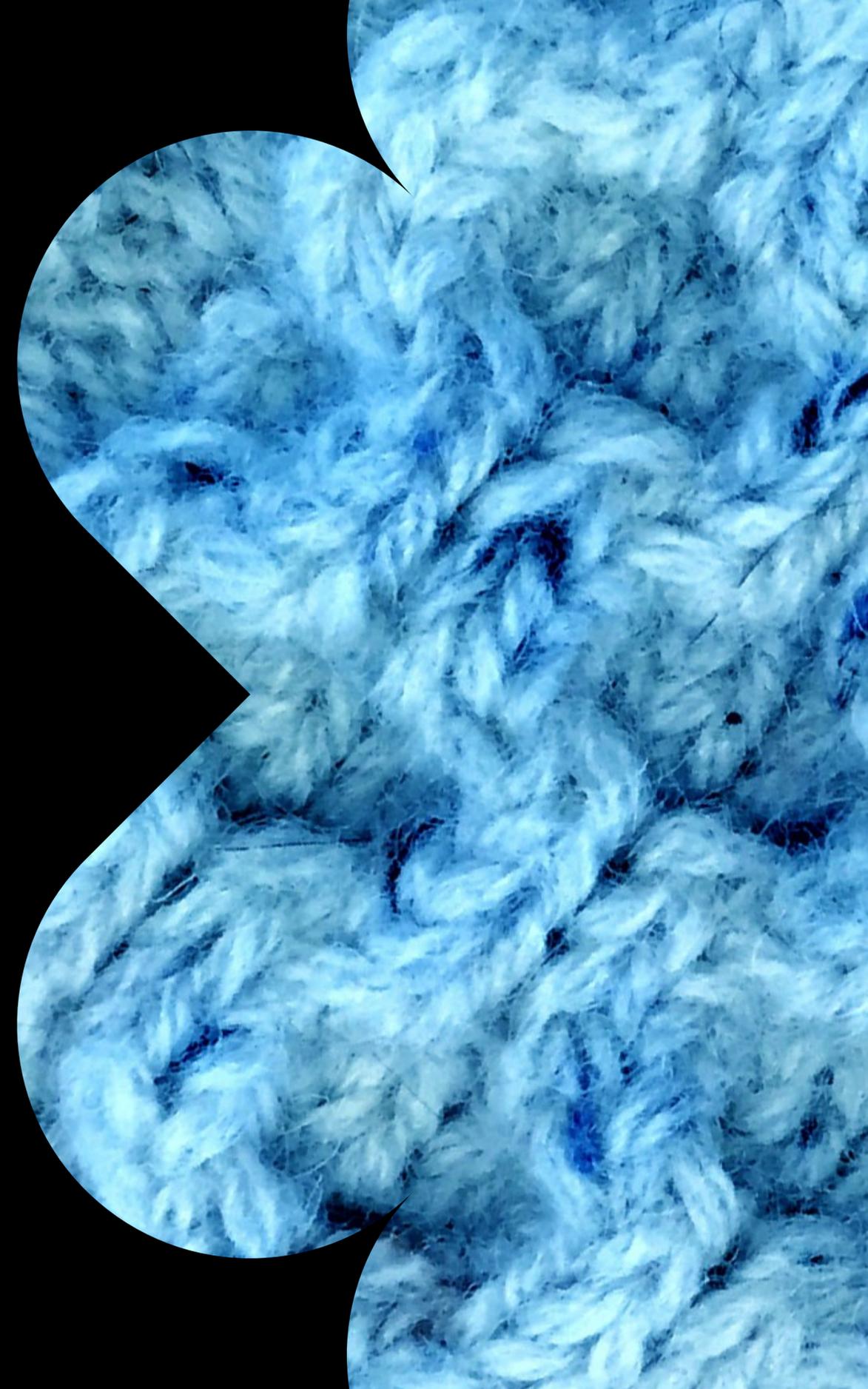


15 Sept 2021



Background

Technology + process
Textile waste + recycling
Materials + systems
Circular textiles
Data



The problem



Extreme pressure to transform from a linear to a circular textile model.

The necessary data and insights don't exist, aren't accessible, or conflict.

What

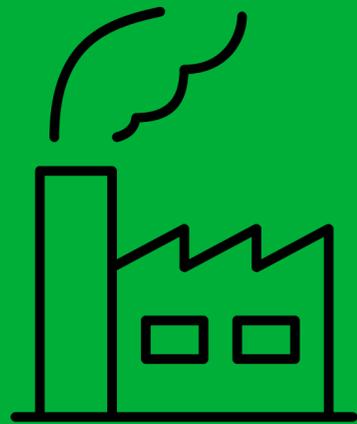


An inter-operable infrastructure
enabling data to flow.

Why



Public
sector



Industry



R&D

- Economically viable recycling
- Pressure for sustainable solutions
- Separate collection mandate 2025
- GhG emission reduction 2030
- Need for market transformation

Components

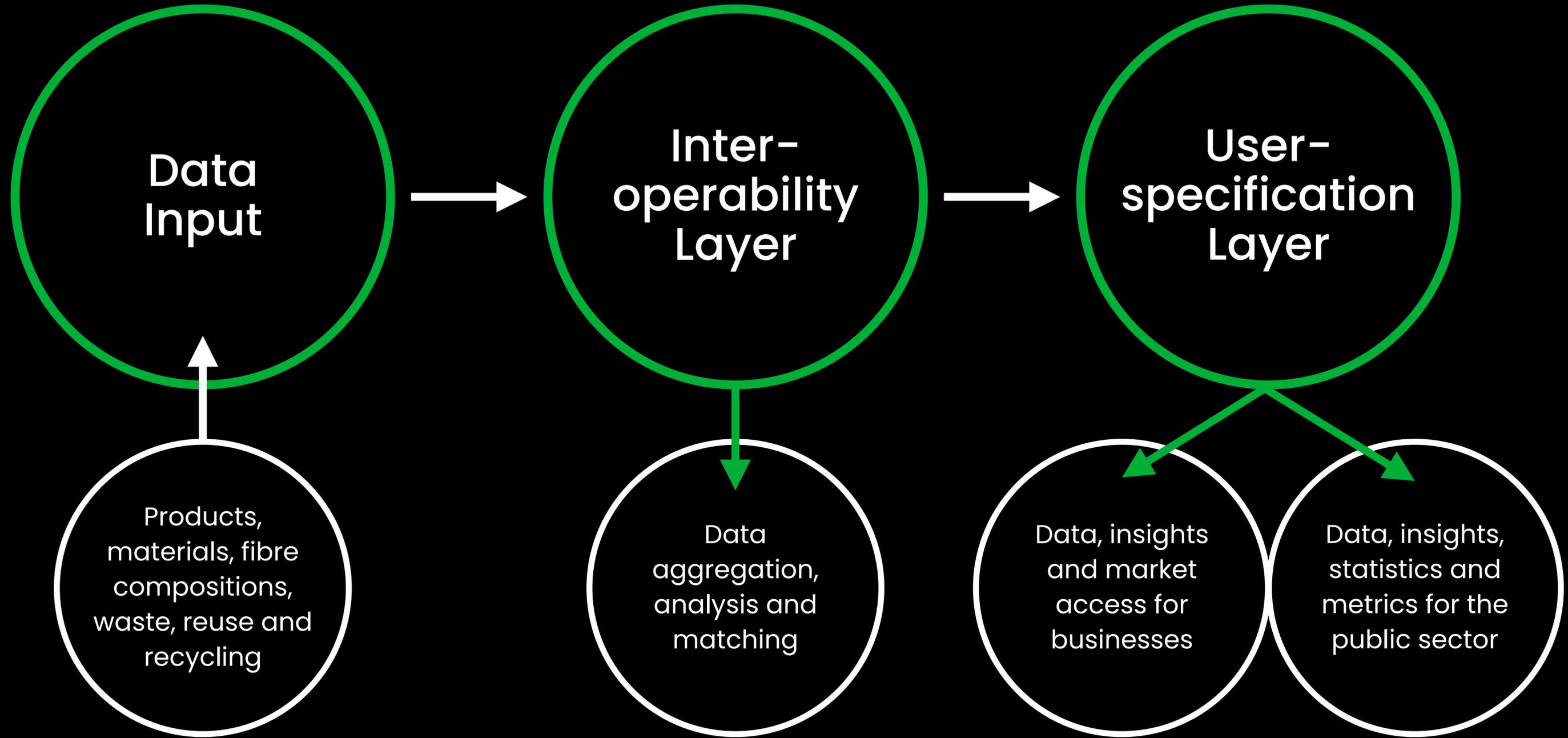
1 Data library

2 Secure data pipelines

3 Private sector data & metrics

4 Public sector data & metrics







Impact

- Less textile waste
- Less GhG
- Circular textile sector

Benefit

- Less time spent
- Less money spent
- Cross-border market opportunities
- More transparency
- Case study for other sectors

Outcome

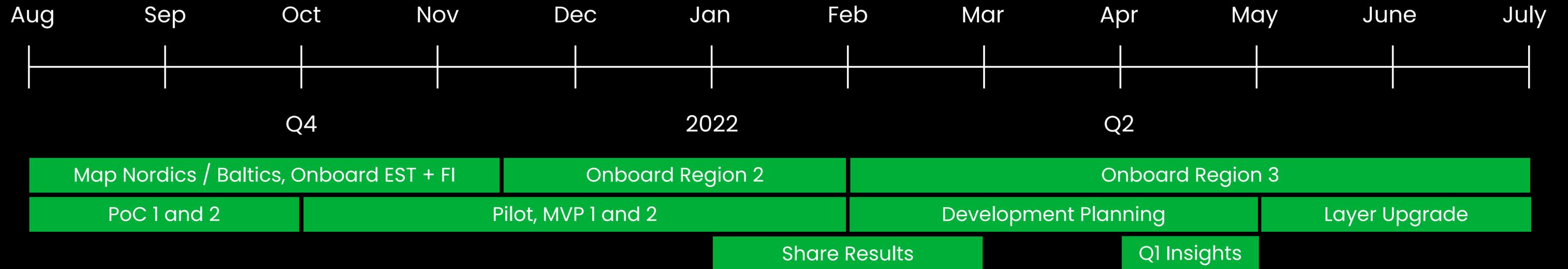
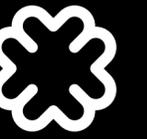
- Economically viable new business models
- Markets and policies develop together

Pilot



* in tonnes

Timeline

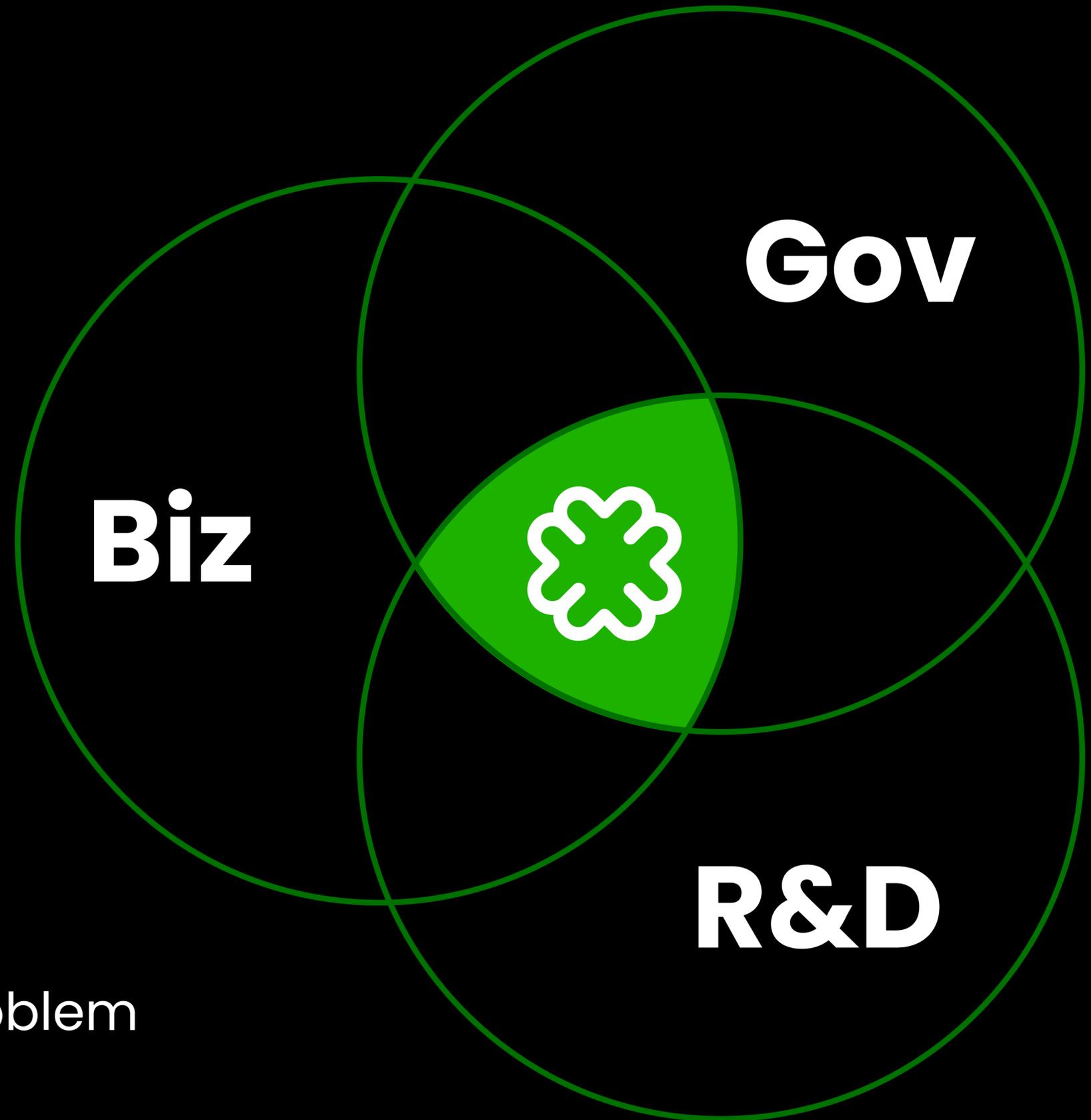


5 vs 1.5

We haven't lost the future (yet).

We must. Go. Faster.

Go faster



Solving the data distribution problem
with a single version of truth.

Thanks!



Questions?
Contact us:
traci@texroad.org



 Reverse
Resources