Acknowledgement of Country

What is the National Location Registry?

The National Location Registry is an electronic 'address book' of location data that will help lift productivity for all supply chains by providing accurate and up-to-date information about freight pick-up and delivery locations across Australia.

How you can make the Registry a success

- Register your location during the two-year promotion and subscribe to the Registry for free

- Engage your transport service providers to be part of this digital ecosystem

Maria Palazzolo

Chief Executive & Executive Director

GS1 Australia

NATIONAL LOCATION REGISTRY

How the story began

Industry sought better location data and supply chain visibility

National Freight Data Hub investment to support initiative

Leveraging GS1 Global Data standards already used by industry

Location **identification** is key

What type of location identification can be used in the Registry?

Global Location Numbers (GLNs) will be the primary Location Identification type within the NLR – one standard, one language.

GLNs are:

- 13 digit, globally unique identifiers

- compliant with ISO/IEC 6523

- administered by GS1

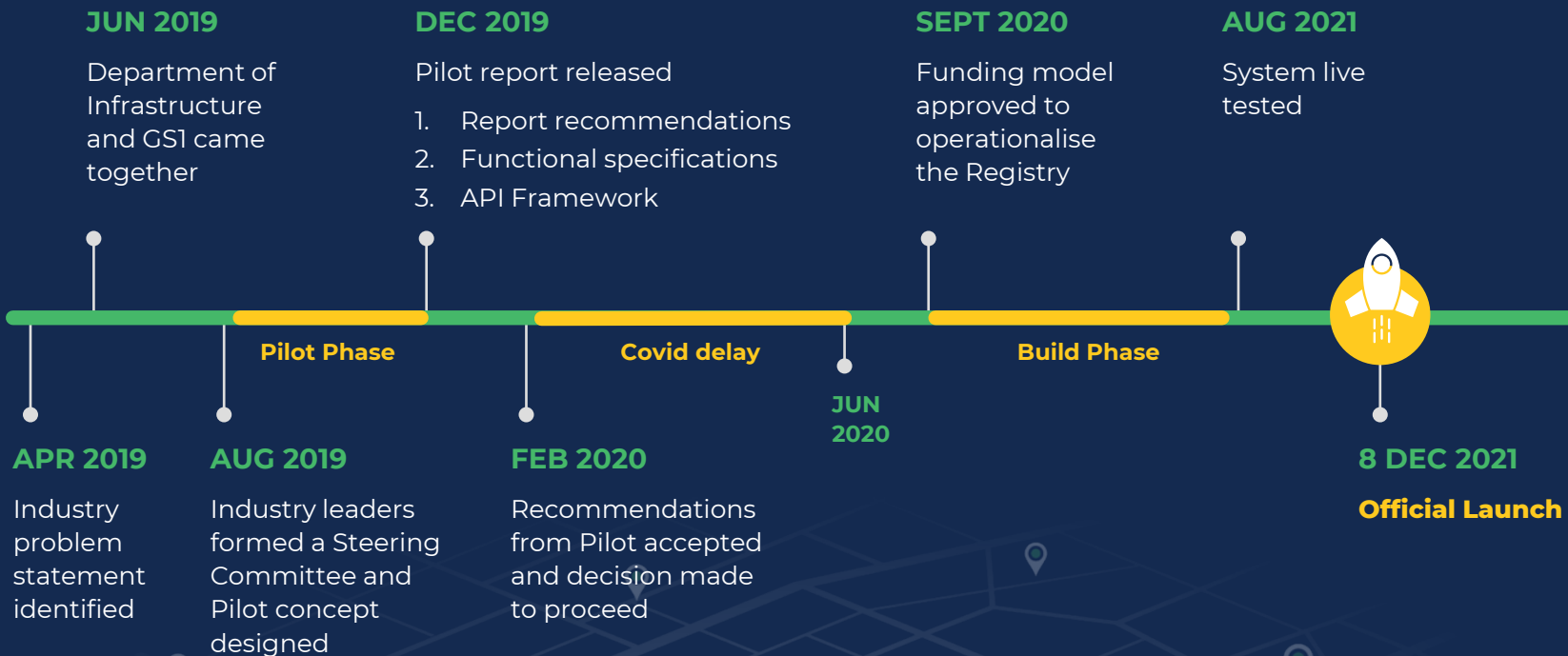Location master data is managed & published under each specific GLN

9	3	7	7	7	7	1	2	3	4	5	6	1

NATIONAL LOCATION REGISTRY

How will the NLR work?

Ben Newton

Head Transport Development

Woolworths Primary Freight

NATIONAL LOCATION REGISTRY

Timeline

NATIONAL
LOCATION
REGISTRY

JUN 2019

Department of Infrastructure and GS1 came together

DEC 2019

Pilot report released

1. Report recommendations
2. Functional specifications
3. API Framework

SEPT 2020

Funding model approved to operationalise the Registry

AUG 2021

System live tested

Pilot Phase

Covid delay

Build Phase

JUN 2020

APR 2019

Industry problem statement identified

AUG 2019

Industry leaders formed a Steering Committee and Pilot concept designed

FEB 2020

Recommendations from Pilot accepted and decision made to proceed

8 DEC 2021

Official Launch

Industry led

Industry leaders using the Registry and paving the way

The lack of location data

**Today, the collection and exchange of business critical information about physical locations is an analogue process**

Entirely manual process per org	Multiple versions of each location	Cost and time burden per org	High risk of errors
Lack of data maintenance disciplines	Out-of-date or inaccurate data	Unknown changes to locations	High risk of delays / failures

NATIONAL LOCATION REGISTRY
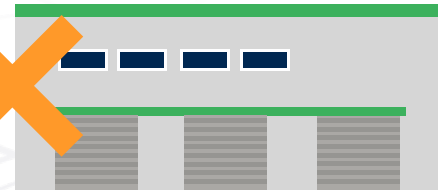
What needs to happen?

The process of collecting and exchanging information about physical locations needs to be improved and it needs to be digital

Consistent processes	Single version of truth for each location	Less administration	Less risk of error
Ease of data maintenance	Up-to-date location data	Automatic notification of changes	Less risk of delays / failures
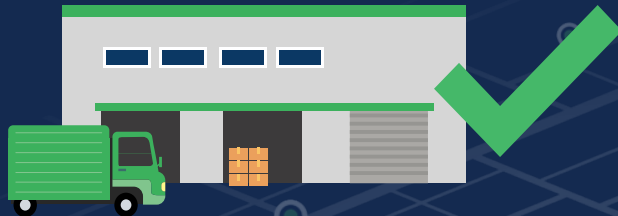
Mark Mazurek

Chief Executive Officer

Linfox Logistics Australia and New Zealand

NATIONAL LOCATION REGISTRY

Location management is a critical part of the supply chain

It helps ensure the smooth delivery of goods

What size truck can I send?

Where is the truck entry point?

Are you open to take deliveries today?

NATIONAL LOCATION REGISTRY

What data is in the Registry?

Location details

- Unique Identification (Global Location Number)
- Company details
- Address details
- Co-ordinates: Lat/Lon - (truck and car separate)
- Geo-fencing
- Contact details

Functional details

- Location type - DC, office, retail, terminal, port, container yard etc
- Function - ship from, ship to, bill to, despatch etc
- Transport entry points
- Operating hours by day of week
- Holiday closure details

Operations

- Site operating hours - receiving vs despatch
- Dock and site constraints - length and height etc
- Truck type and constraints – weights
- Council enforced curfew details
- Booking requirements
- Site induction and safety requirements
- Dock restraint system

Amenities

- Toilets, showers, food, vending machines, rest area (sleeping), gym - *and in future Mental Health accredited (HHTS)*
- Weighbridge
- Washing on site
- EV charging on site
- Driver assistance (loading/unloading details)

The opportunity for Linfox

Challenge

- There are tens of thousands of customer locations in Linfox's database.
- We have team members in every state across Australia handling queries and collecting store and site location information and site specific requirements.
- Our truck drivers are in some of the most modern prime movers in Australia but we are always looking for ways to be safer.

Opportunity

- We service leading retailers and organisations, delivering Australia's favourite brands and essentials to hundreds of locations across the nation each day.
- For Linfox, having the key information for every job location will be a real benefit.
- The Registry will provide drivers with the information they need, when they need it to make deliveries safely and on time.

Louise Rawlings

Acting First Assistant Secretary, Data, Analysis and Policy Division

Department Infrastructure Transport Regional Development and Communications

National freight and Supply Chain Strategy critical action areas

National Approach - 20 years

Governments & Industry

All Transport Modes

National freight and Supply Chain Strategy critical action areas

NATIONAL LOCATION REGISTRY

Smarter and targeted investment

Enable improved supply chain efficiency

Better freight location and performance data

Better planning, coordination and regulation

How do we get there?

Industry and government have been working together

Standardised communication method

Consistent capture and distribution of accurate location data

NATIONAL LOCATION REGISTRY

Standardised communication format

To enable the digitalisation **of this important aspect of supply chain management**

Delivered as a not-for-profit undertaking

The first two years are free

Call to action

- **Register your location** during the two-year promotion and subscribe to the Registry for free.

- **Engage your transport service providers** to be a part of this digital ecosystem

- **Information for your stakeholders**
  Email to send to your network
  Executive brief

- Contact **nlrsupport@gs1au.org** if you have any questions

Email or add your questions in the comments.

Thank you for your time

Email : nlrsupport@gs1.au.org Website : nlr.org.au