



IPIC 2023

9th International
Physical Internet Conference

June 13-15, 2023
Athens, Greece



PI in Australia

13-15 JUNE 2023 Athens, Greece
www.pi.events/IPIC2023

alice | Alliance for
Logistics Innovation
through Collaboration
in Europe



Expanding the logistics Scope

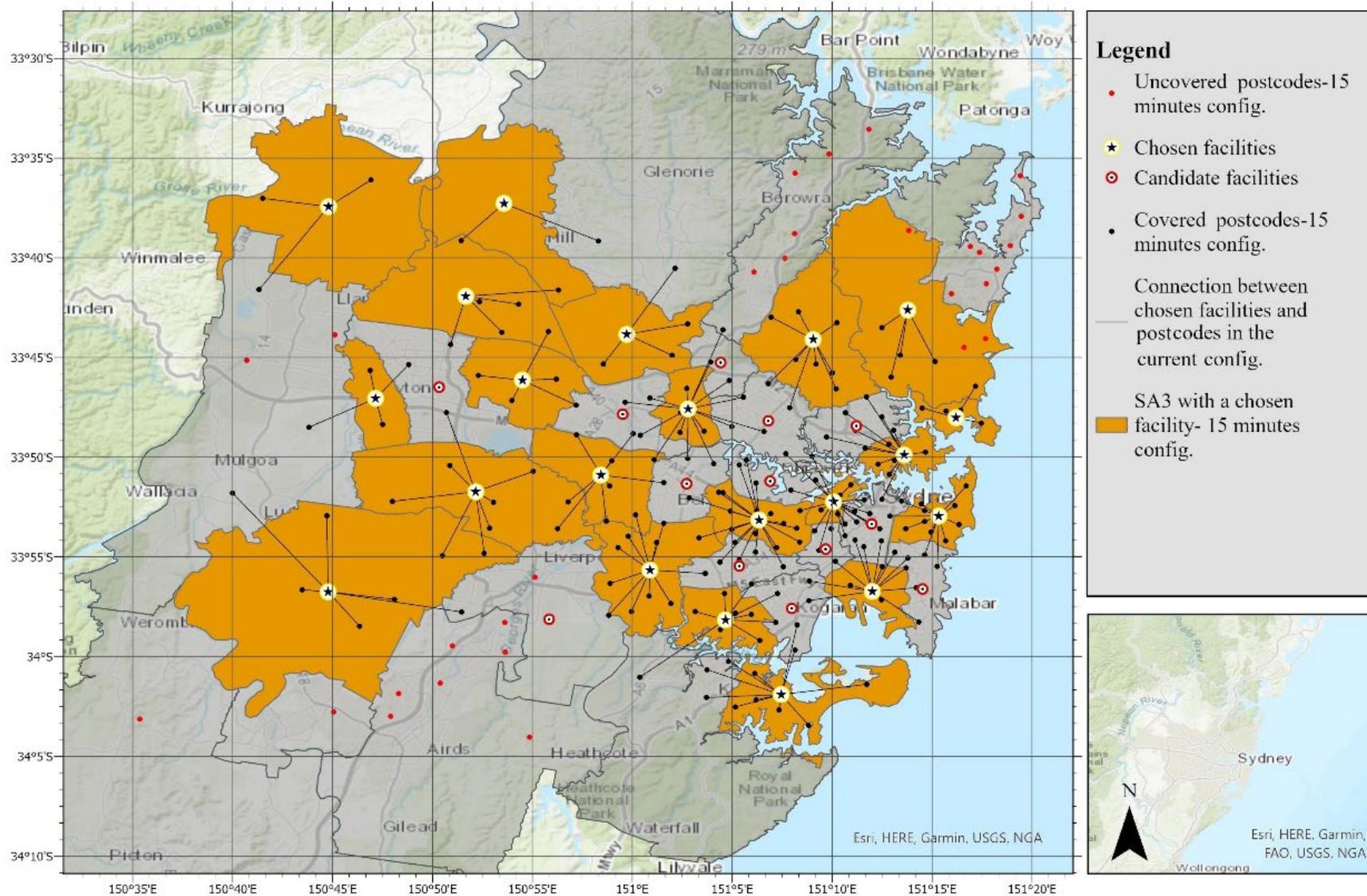


Milestones & achievements related to PI

Urban Microconsolidation Centres (MCCs) in Sydney

Scan4Transport standards (GS1)

Location-Allocation, 15 Minutes Driving Time



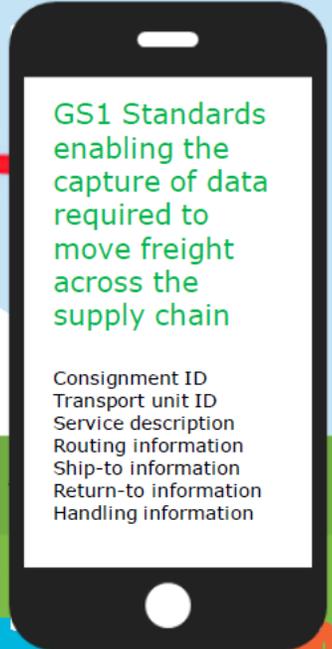
Scan4Transport

Developed by Industry for Industry



Service: STANDARD	ACME Transport										
GINC: 931234518430GR	ROUTE: MEL										
Deliver To: GS1 Melbourne Office Attn: Michiel Ruighaver Nexus Business Park 8 Nexus Court Mulgrave VIC 3170 Australia PH: 1300 227 263											
Delivery Instructions: THIS IS A DEMO DELIVERY	A.T.L										
GS1 Sydney Office Attn: Tony Repaci Lakes Business Park 2-4 Lord Street Botany NSW 2019 Australia 02096952200	<table border="1"> <tr> <td>GROSS WEIGHT</td> <td>VOLUME</td> </tr> <tr> <td>7kg</td> <td>0.03 m3</td> </tr> <tr> <td>LENGTH (m)</td> <td>0.4</td> </tr> <tr> <td>WIDTH (m)</td> <td>0.3</td> </tr> <tr> <td>HEIGHT (m)</td> <td>0.2</td> </tr> </table>	GROSS WEIGHT	VOLUME	7kg	0.03 m3	LENGTH (m)	0.4	WIDTH (m)	0.3	HEIGHT (m)	0.2
GROSS WEIGHT	VOLUME										
7kg	0.03 m3										
LENGTH (m)	0.4										
WIDTH (m)	0.3										
HEIGHT (m)	0.2										

Data Standard



<https://example.com/00/09312345000000104?3300=000007&3311=000004&3321=000003&3331=000002&3362=000003&4300=GS1+Melbourne+Office&4301=Michiel+Ruighaver&4302=Nexus+Business+Park&4303=8+Nexus+Court&4304=Mulgrave&4306=VIC&4307=AU&420=3170&4308=1300227263&4310=GS1+Sydney+Office&4311=Tony+Repaci&4312=Lakes+Business+Park&4313=2-4+Lord+Street&4314=Botany&4316=NSW&4317=AU&4318=2200&4319=0296952200&4320=STANDARD&4322=1&401=931234518430GR&403=MEL&s4t>



'First Mile' Data

Sortation Data

'Last Mile' Data



Main stakeholders supporting initiatives & research

Industry

- GroundFloor (Open Parcel Lockers: private & public: optimising location)
- MobileDOCK (loading dock booking system: AI & revenue management)

State Government (New South Wales)

- Promoting MCCs & PLs (optimising number & location of facilities)



PI Vision

Develop a national roadmap (similar to ALICE)

Develop software platforms for negotiating exchange of goods at hubs

Establish a Central Coordinating Authority: to plan & coordinate cooperative operation & alignment of urban distribution