



Life
Course
Centre

Data Systems that Work for Data Users

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About Us

The Australian Research Council Centre of Excellence for Children and Families over the Life Course

- National research Centre established in 2014.
- Investigating the factors underlying disadvantage to provide life-changing solutions for policy and service delivery.
- A collaboration between 4 Australian universities + partnerships with government and non-government organisations, international universities and research affiliates.



Australian Government
Australian Research Council



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OF QUEENSLAND**
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**Life
Course
Centre**

Our Research Program

Differences
Experiences
Choices

People

Context
Environment
Circumstances



Places

Opportunities

Employment
Education
Family

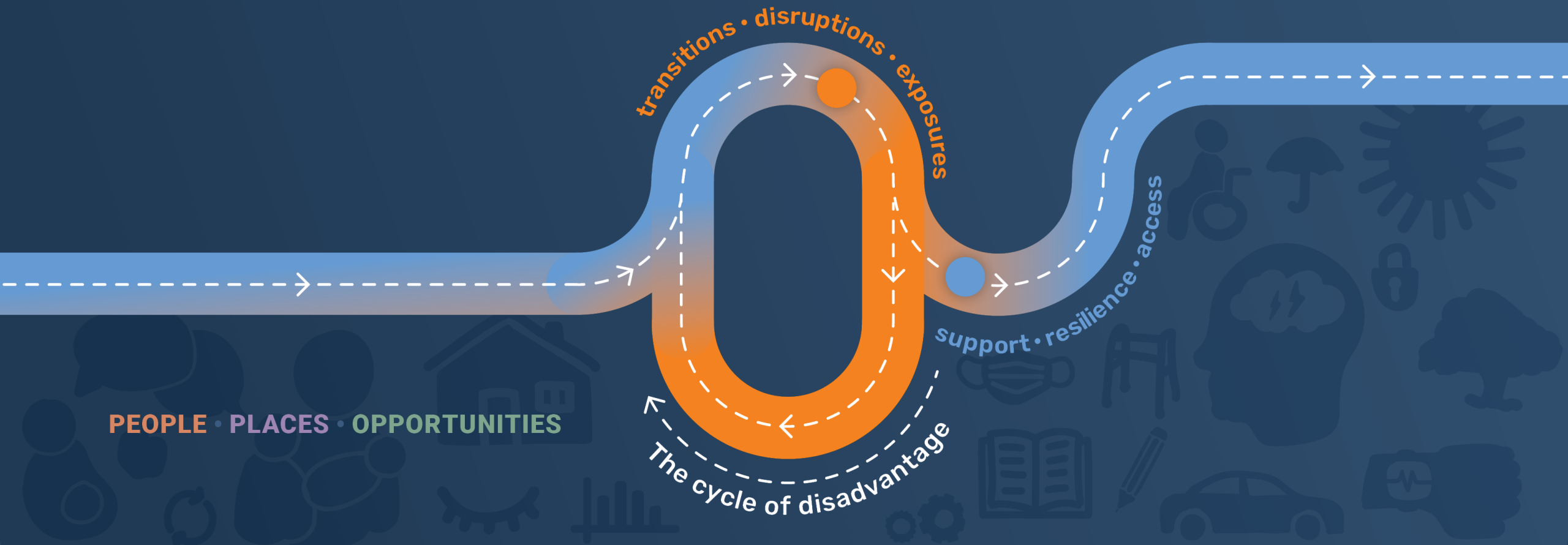


PEOPLE • PLACES • OPPORTUNITIES

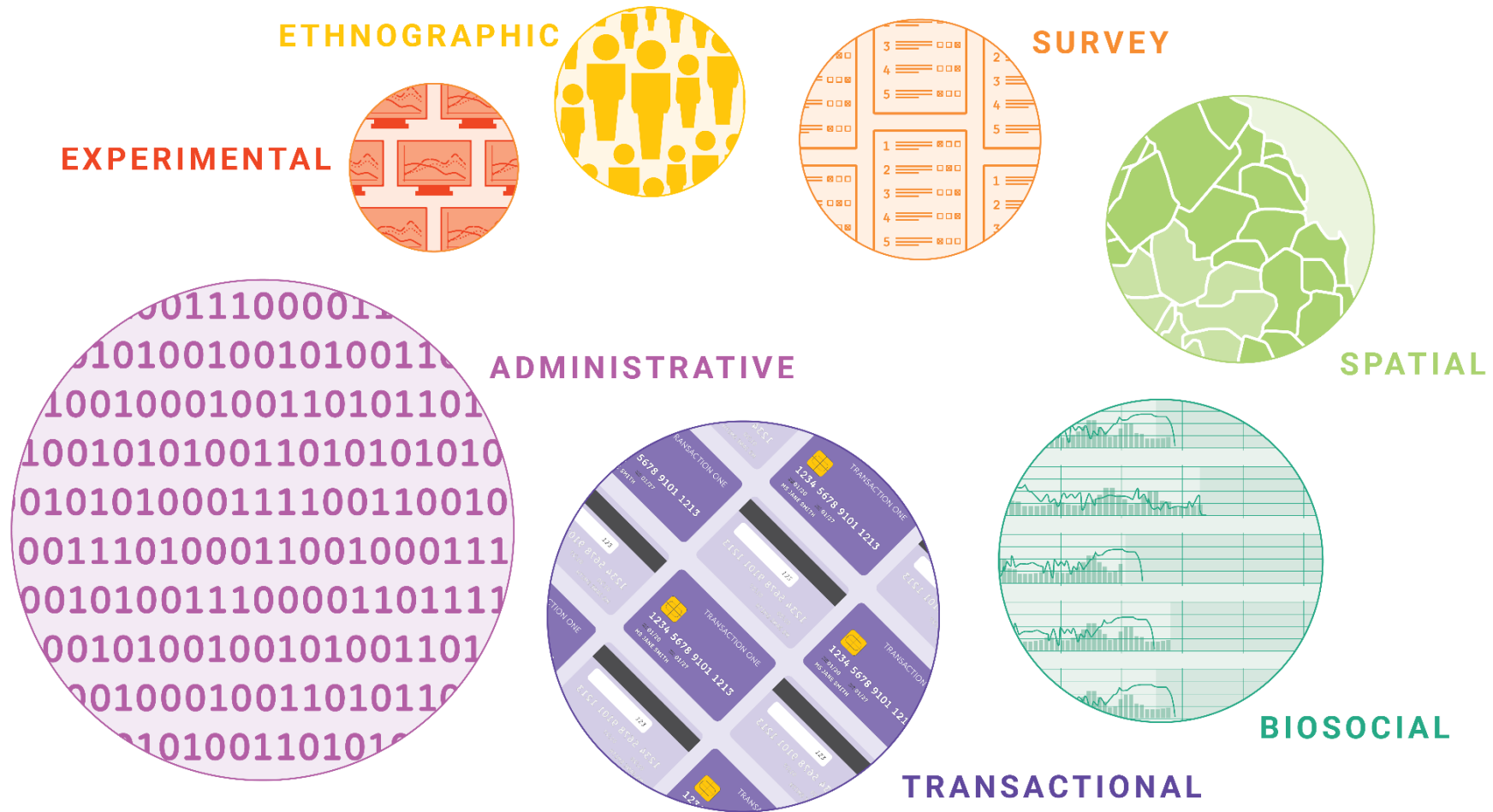
transitions • disruptions • exposures

support • resilience • access

The cycle of disadvantage

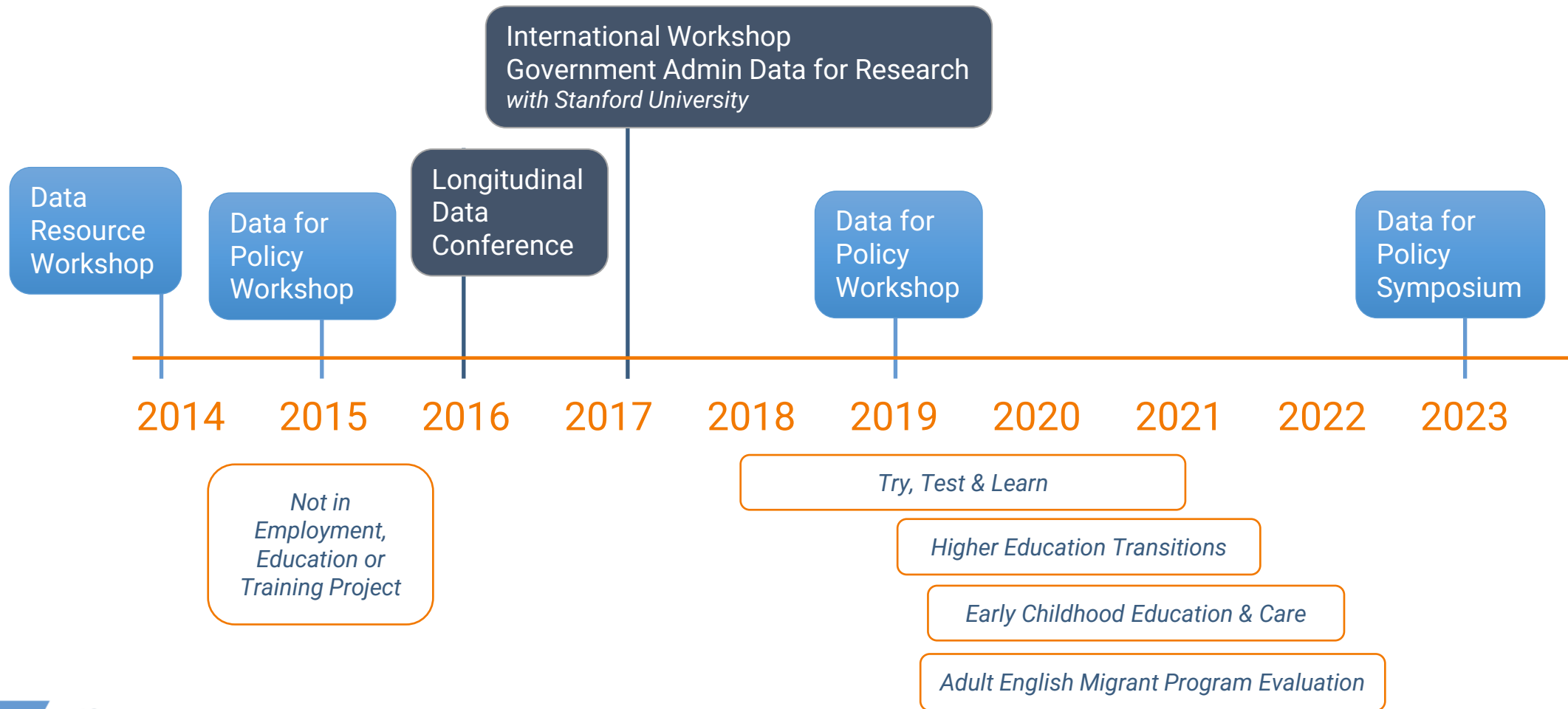


Data sources





Data for Policy...



Some Key Projects

**Linked govt
and NGO data
next frontier**

Multi-Agency Data Integration Project (MADIP)

- Higher education and vocational training trajectories and equity
- Transition into the labour market
- Adult Migrant English Program outcomes

Early Childhood Education & Care (Goodstart)

- Data linkage with Department of Education, Queensland.
- Collaboration with Goodstart Early Learning, Australia's largest childcare provider to 70,000 families

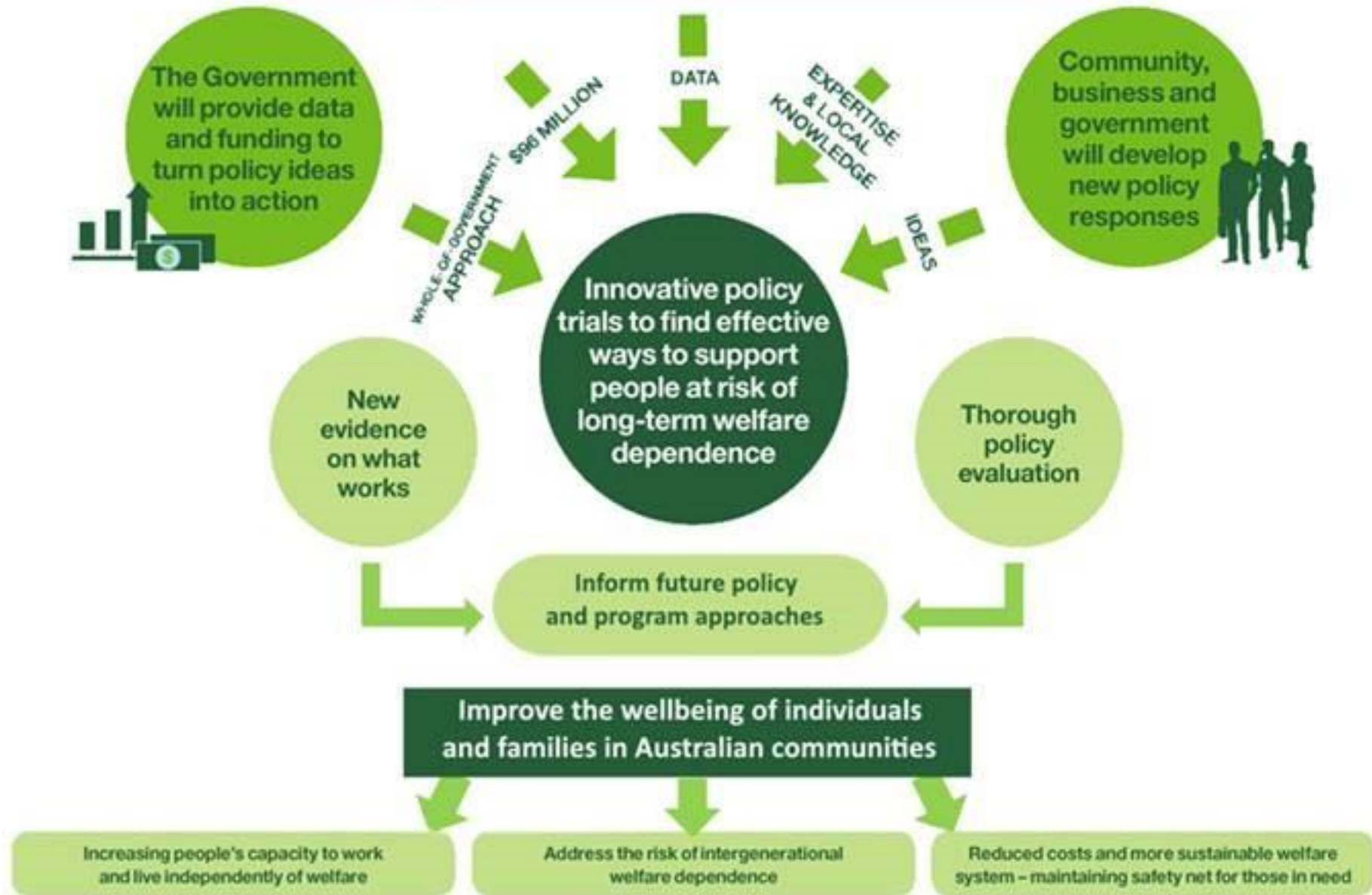
Mission Australia (Service delivery records)

- Assess outcomes of people who use their homelessness services – what works?

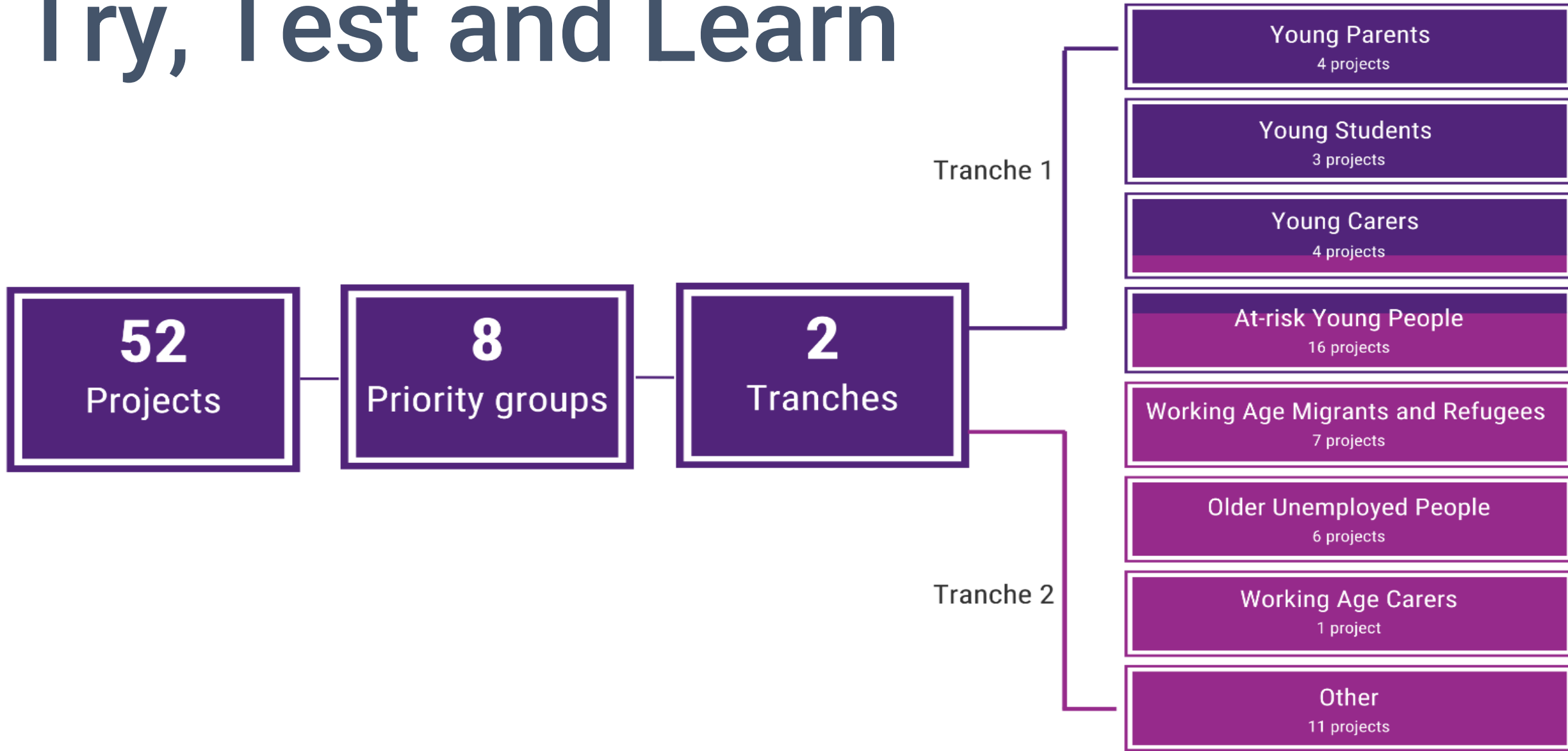
Try, Test and Learn (DOMINO)

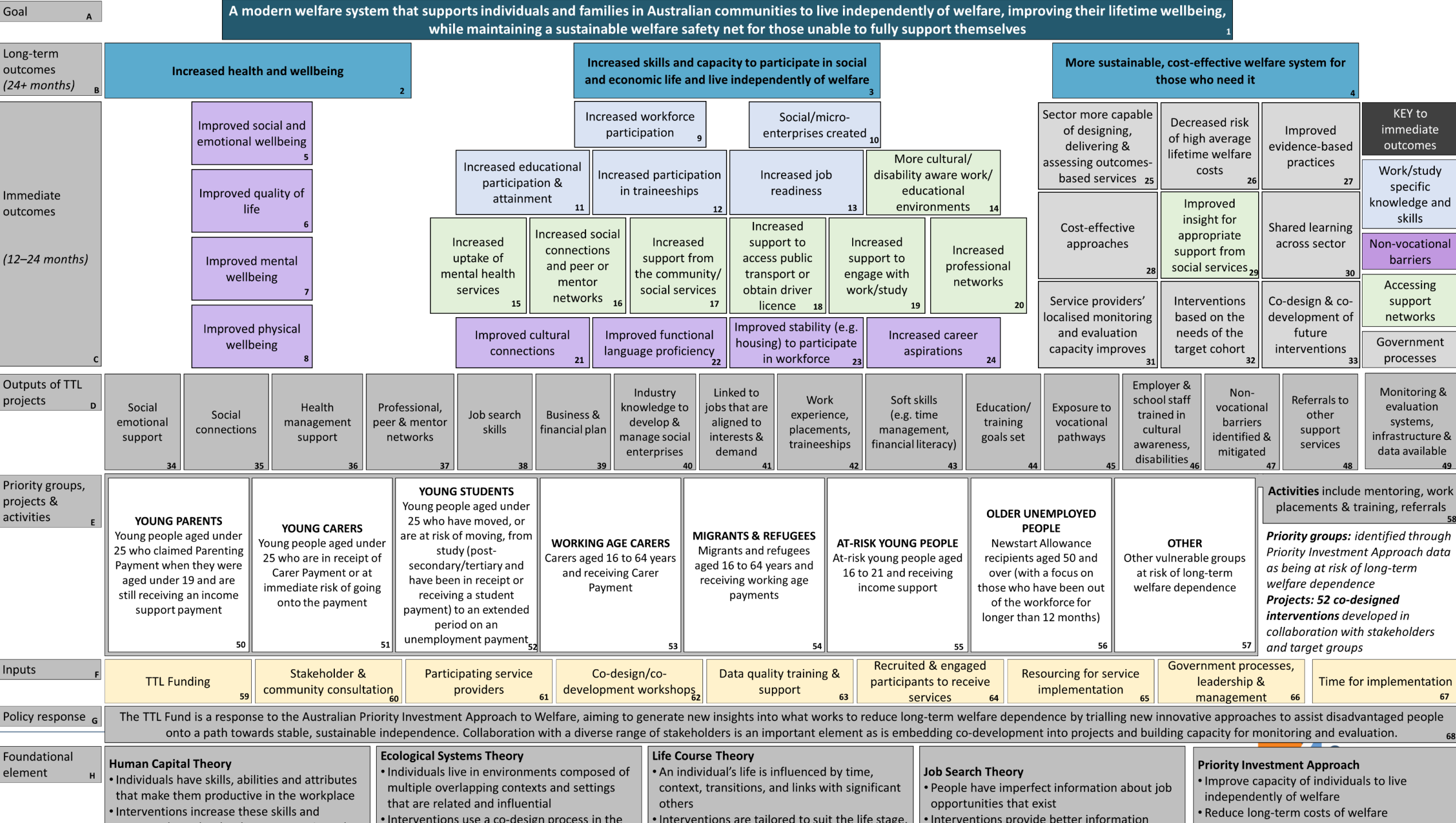
- Interventions addressed vocational and non-vocational barriers to workforce participation
- Linked administrative data to evaluate outcomes
- Longitudinal Study of Life Opportunities

Try, Test and Learn Fund



Try, Test and Learn





TTL Data Sources

Data Exchange (DEX) data

- DEX session data
- DEX Standard Client Outcomes Reporting (SCORE) measures data



Data Over Multiple Individual Occurrences (DOMINO) data

Curated income support receipt database compiled from the department's administrative datasets



Data Exchange (DEX) Client Survey data

An online survey that TTL service providers could distribute to TTL clients to complete at 2 or 3 time points



TTL service provider group interviews

90 minute semi-structured interviews conducted via videoconferencing software at 2 time points



TTL client telephone interviews

60 minute semi-structured telephone interviews conducted at least 3 months after client commenced in the project



TTL Fund documentation

- TTL projects' Activity Work Plan (AWP) and reports
- Two TTL Fund Post-Implementation Reviews (PIR)



Priority Investment Approach (PIA)

A synthetic dataset derived from underlying subset of administrative data of Centrelink recipients and their partners (currently as of 30 June 2018)



Data Challenges

- Impact analyses restricted to DOMINO
- Additional data on TTL clients from surveys and interviews, but no matched comparison group
- Small sample sizes, participants self- selected, not representative
- Short observation period for outcomes
- Inconsistencies in collection and reporting of DEX SCORE data
- Changes to design, rollout, timing, recruitment (COVID)
- Linkages to other govt data (education, health) not achieved in time for evaluation
- Limited measures of barriers such as education outcomes, health and wellbeing, housing instability, aspirations, non-vocational, non-cognitive
- Data access restricted to Australian citizens

What data systems would work well for users?

- Linked
- Accessible (time and cost)
- Well-designed
- Different types
- Cross-jurisdictional
- Cross-agency/sector
- Usable & reusable
- Data sovereignty
- Social licence
- Ethics
- Skills/capacity
- Safety

Thank you



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