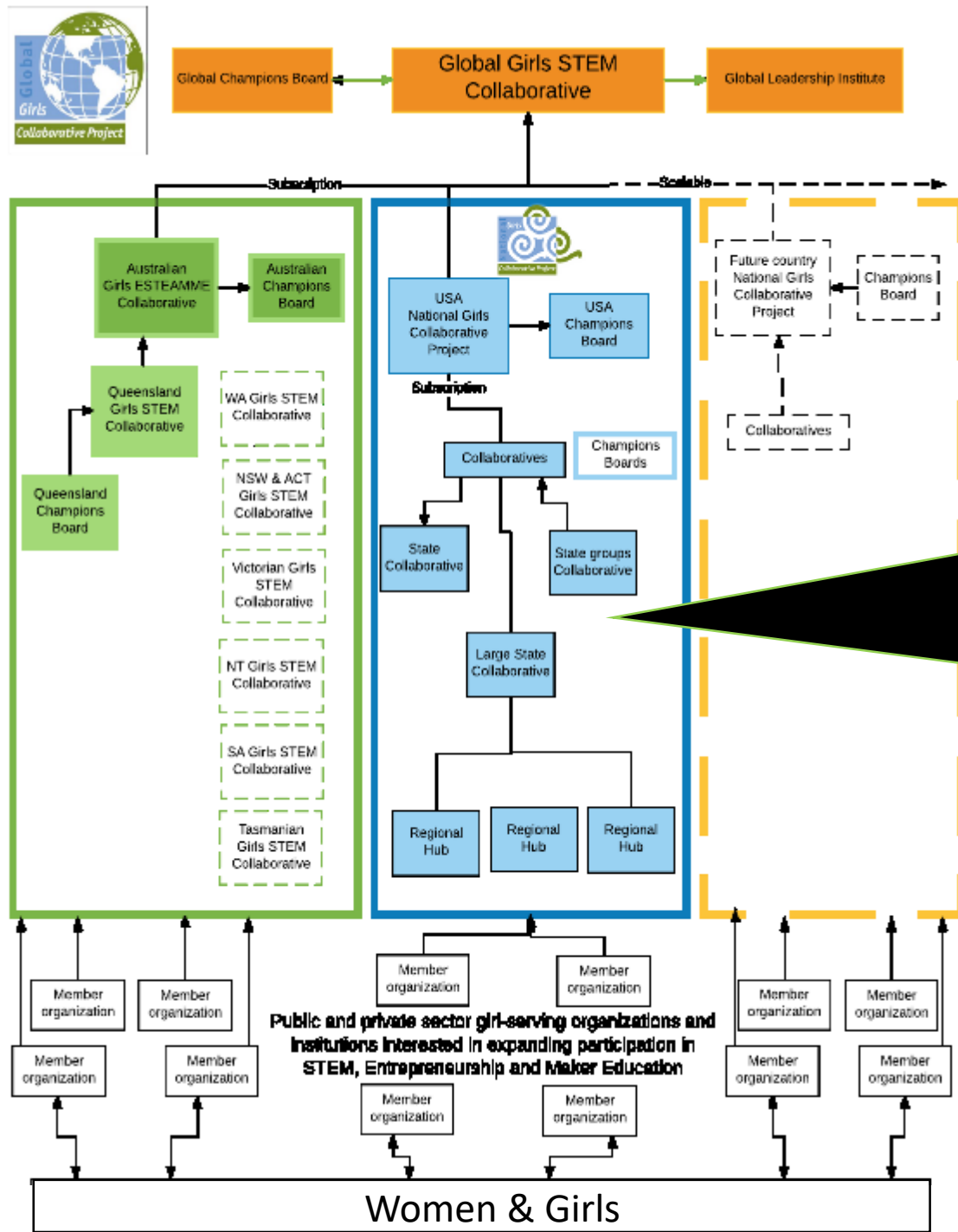Dr Lindy Orwin
Lindy.Orwin@gmail.com
0478 039 322
@lindyorwin

Australia population: 23 million
USA population: 327 million

Global Girls Collaborative Project

Global Champions Board → Global Girls STEM Collaborative → Global Leadership Institute

Subscription — Scalable

Australian Girls ESTEAMME Collaborative → Australian Champions Board

Queensland Girls STEM Collaborative

Queensland Champions Board

WA Girls STEM Collaborative

NSW & ACT Girls STEM Collaborative

Victorian Girls STEM Collaborative

NT Girls STEM Collaborative

SA Girls STEM Collaborative

Tasmanian Girls STEM Collaborative

USA National Girls Collaborative Project → USA Champions Board

Subscription

Collaboratives

Champions Boards

State Collaborative

State groups Collaborative

Large State Collaborative

Regional Hub

Regional Hub

Regional Hub

Future country National Girls Collaborative Project

Champions Board

Collaboratives

Member organization

Member organization

Member organization

Member organization

Member organization

Member organization

Member organization

Member organization

Member organization

Member organization

Member organization

Member organization

Public and private sector girl-serving organizations and institutions interested in expanding participation in STEM, Entrepreneurship and Maker Education

Women & Girls

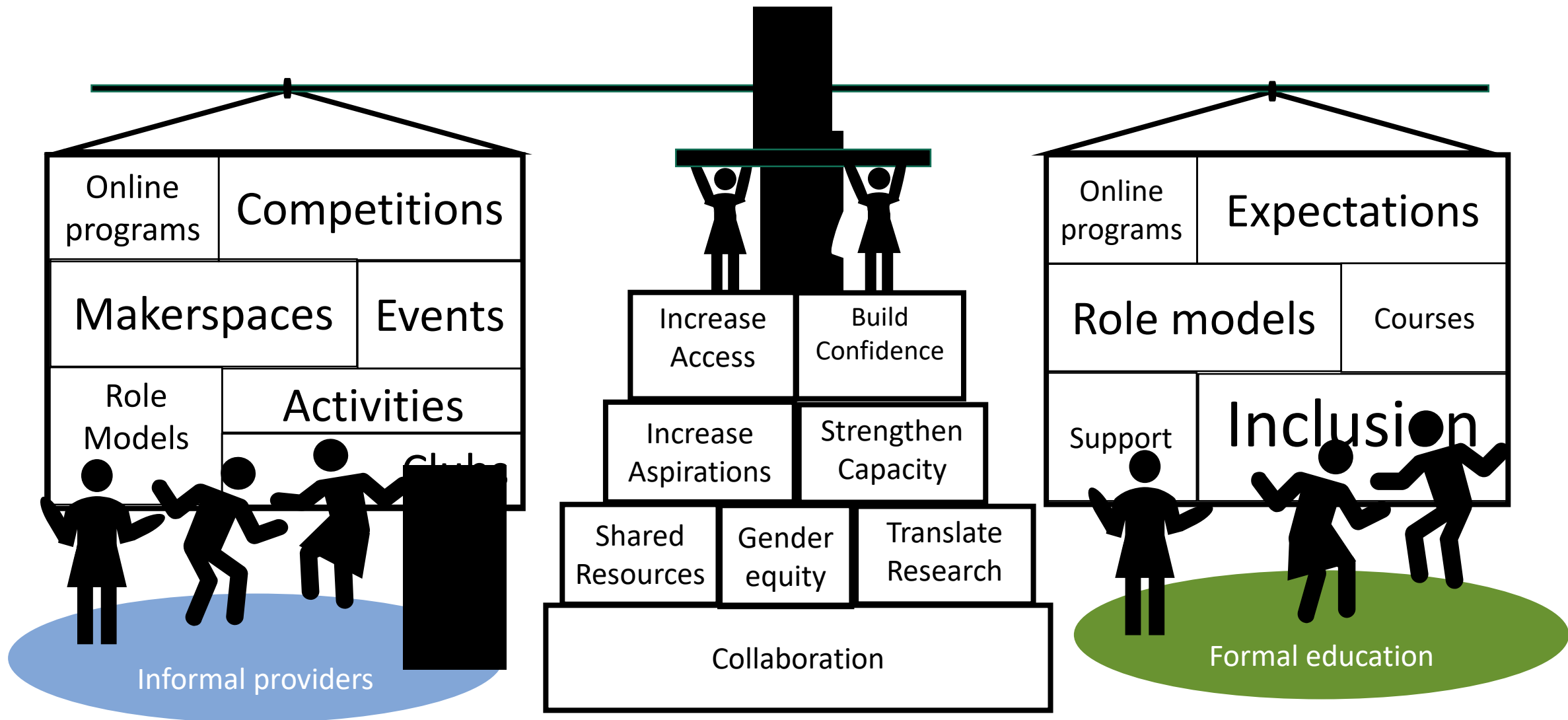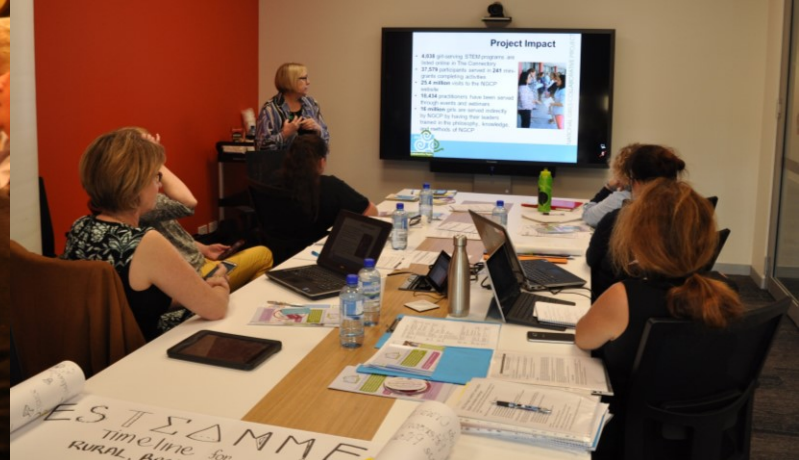|	
E	Entrepreneurship
S	Science
T	Technology
E	Engineering
A	Arts
M	Mathematics
M	Maker
E	Education

Why Girls + Entrepreneurship + STEM + Arts + Maker Education?

- Women continue to be **underrepresented in STEM and Entrepreneurship** at university and workforce level, especially in engineering, computer science, physical sciences and business start-ups.

- Girls and boys **do not display a significant difference in their *abilities*** in math and science.

- Differences exist between girls and boys in *confidence* and *interest* **in STEM.**

- STEM and Entrepreneurship are **equity issues**.

- ESTEAMME = Innovation + Startups + Design + Comms

Informal providers

Online programs · Competitions · Makerspaces · Events · Role Models · Activities · Clubs

Increase Access · Build Confidence · Increase Aspirations · Strengthen Capacity · Shared Resources · Gender equity · Translate Research · Collaboration

Formal education

Online programs · Expectations · Role models · Courses · Support · Inclusion

Collaboration for **Collective Impact** for girls in ESTEAMME

Research

Identify and document key success factors for STEM & Entrepreneurship programs.

Map the access to STEM & Entrepreneurship programs.

Identify and document the unique challenges to participation and opportunities for engagement of girls in rural, regional and remote locations.

Collaboration

Maximize access to shared resources including exemplary practice, research, program models, outcomes, and products.

Improve secondary school career counsellors' access to and use of relevant, high-quality resources that increase awareness of barriers to girls' interest and engagement in STEM and Entrepreneurship.

Community

Use the leverage of a network and the collaboration of individual STEM and Entrepreneurship programs to **create the tipping point for gender equity in STEM & Entrepreneurship in Australia**.

Improve the collective impact of organizations informing and encouraging girls to pursue careers in Science, Technology, Engineering, Mathematics (STEM) or Entrepreneurship.

Learning

Conduct professional learning experiences in-person and online about the gender agenda for leaders of STEM & Entrepreneurship programs and projects with a **focus on effective practices, sustainability, collaboration, organizational effectiveness, and shared leadership.**

Publish timely information related to girls in STEM and entrepreneurship.

Strengthen the capacity of STEM and Entrepreneurship programs to **effectively reach and serve girls especially those girls in rural, regional and remote communities.**