

## Transforming Systems through Partnership (TSP) programme: South Africa in numbers

### TSP globally (2015 to 2022)

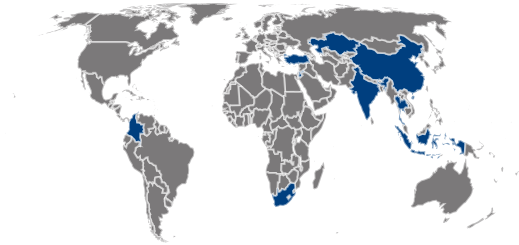
264 projects

9 countries and the UK

8.8 / 10 average awardee satisfaction

66% of awardees felt TSP was an excellent use of their time

83% of respondents said their project addressed societal needs in their country



### TSP in South Africa

35 projects

9.2 / 10 average awardee satisfaction



77% of awardees in South Africa felt TSP was an excellent use of their time



97% of awardees in South Africa agreed or strongly agreed that all partners had equitable opportunities to set the project agenda

Top 3 project areas:



Civil, construction and environmental



Computing and communications



Transport and mechanical

### TSP success story:

*One project designed and constructed the first affordable net zero house in Pretoria. As well as raising awareness of the possibilities of sustainable housing, the project tackled a significant national problem of access to affordable housing for low-income communities. The project team are working with the government and housing sector to develop a roadmap for scaling up sustainable, innovative and affordable housing.*

## Top 3 TSP project outputs in South Africa



Scientific articles and reports



Workshops, conferences and events



Media outputs

## Impact of TSP on engineering in South Africa



89%

of awardees agreed or strongly agreed that their project disseminated results of research and/or innovation activities



75%

of awardees reported that students and early career researchers acquired new/improved skills to a large or very large extent



69%

of awardees reported that they acquired new/improved skills to a large or very large extent

## UN Sustainable Development Goals (SDGs)



TSP has contributed to all 17 SDGs



4 QUALITY EDUCATION



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



11 SUSTAINABLE CITIES AND COMMUNITIES

Top 3 SDGs in TSP projects in South Africa

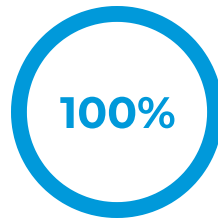
67% of awardees agreed that their project addressed societal needs in South Africa

## Sustainability of TSP projects in South Africa



96%

of awardees agreed or strongly agreed that the results of their project will be sustained



100%

of awardees agreed or strongly agreed that the relationships between partners will continue past the project

*"The Academy have been unwavering in their commitment to facilitate knowledge sharing and the widespread dissemination of our project's findings. This outreach spans the academic sphere, benefiting experts, designers, developers, and, most notably, local communities and policymakers."*

TSP lead project partner, South Africa