

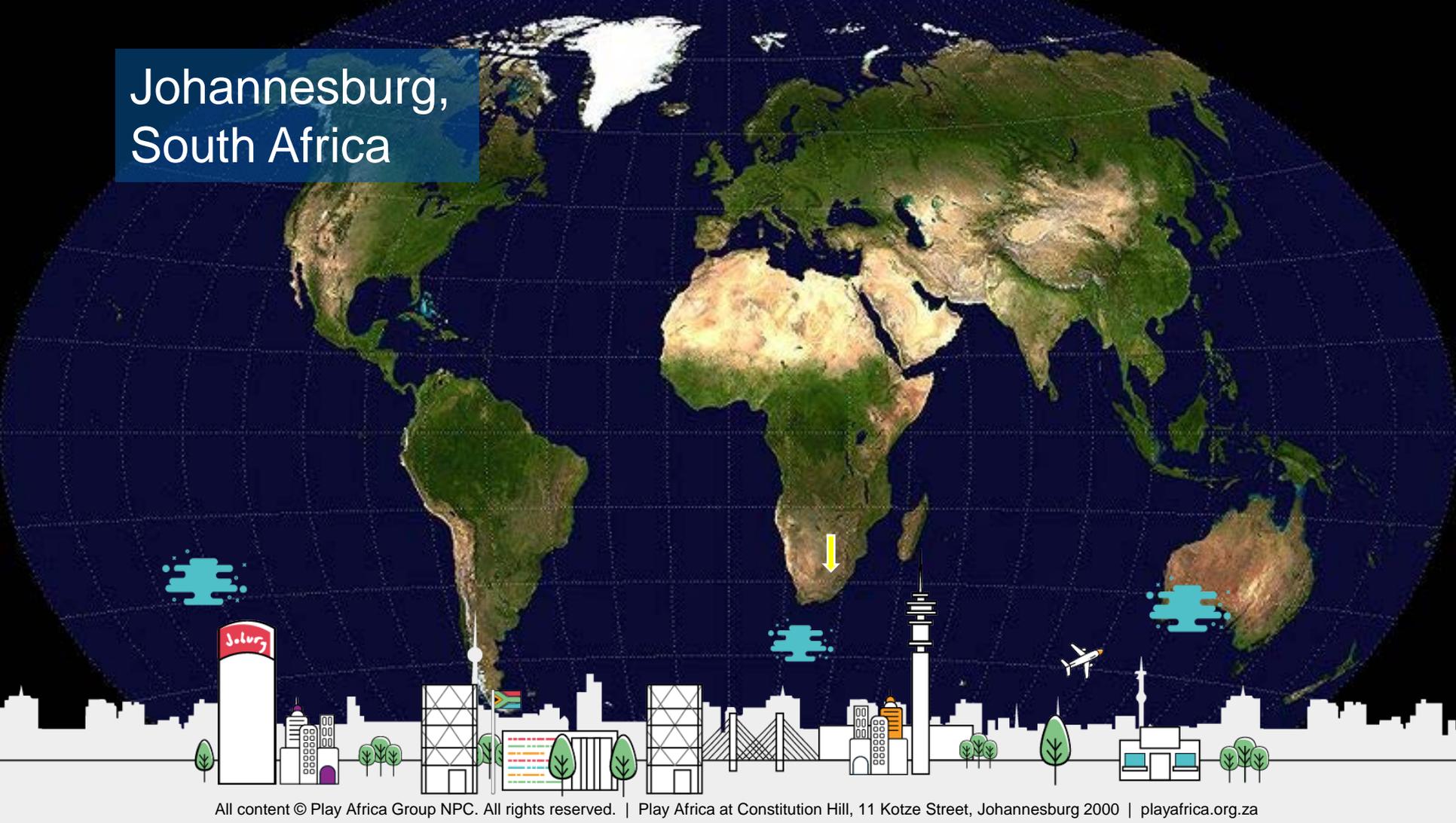
Contributing to the Sustainable Future of Johannesburg

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SCWS2017 | Miraikan | Tokyo, Japan

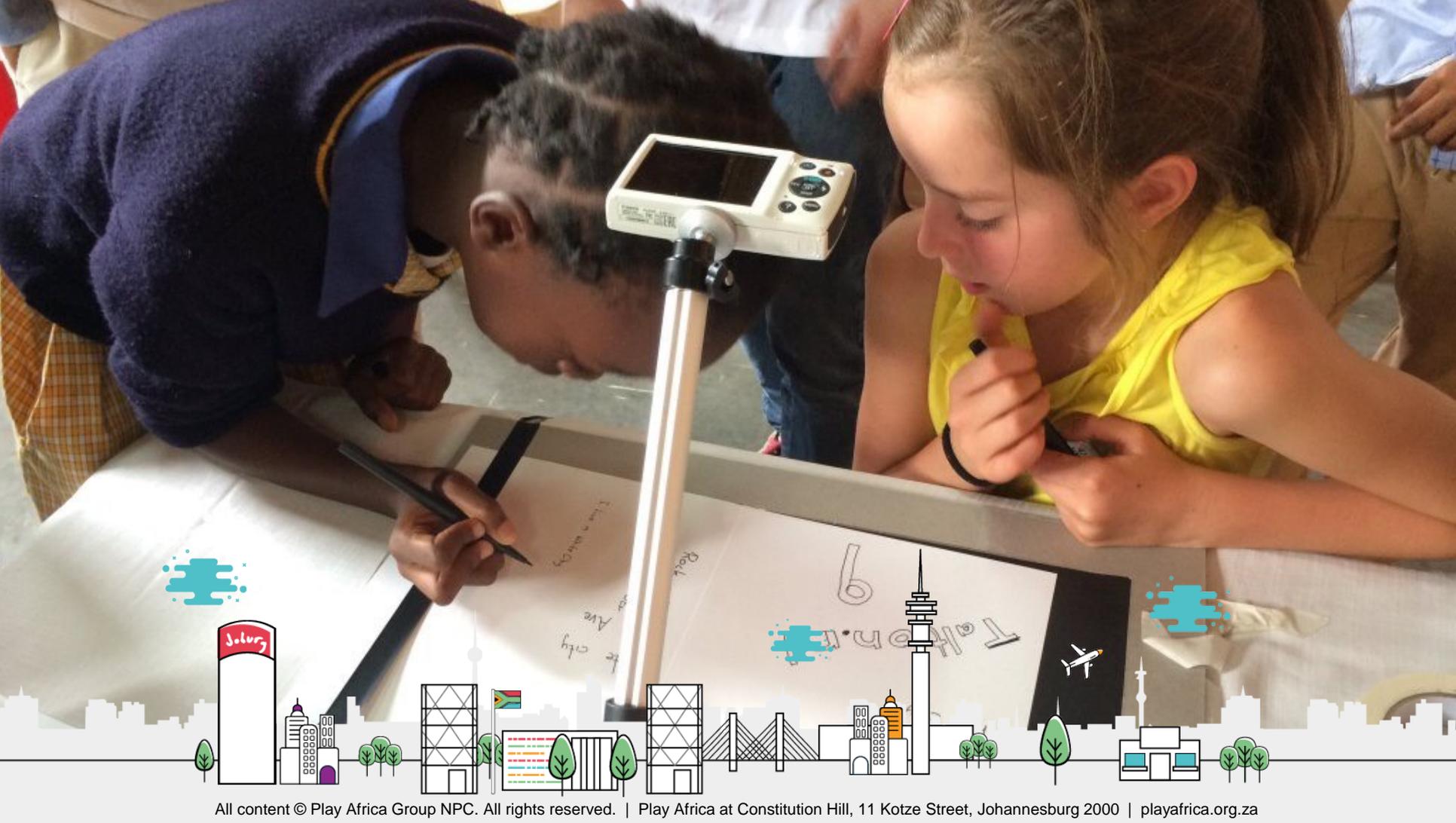


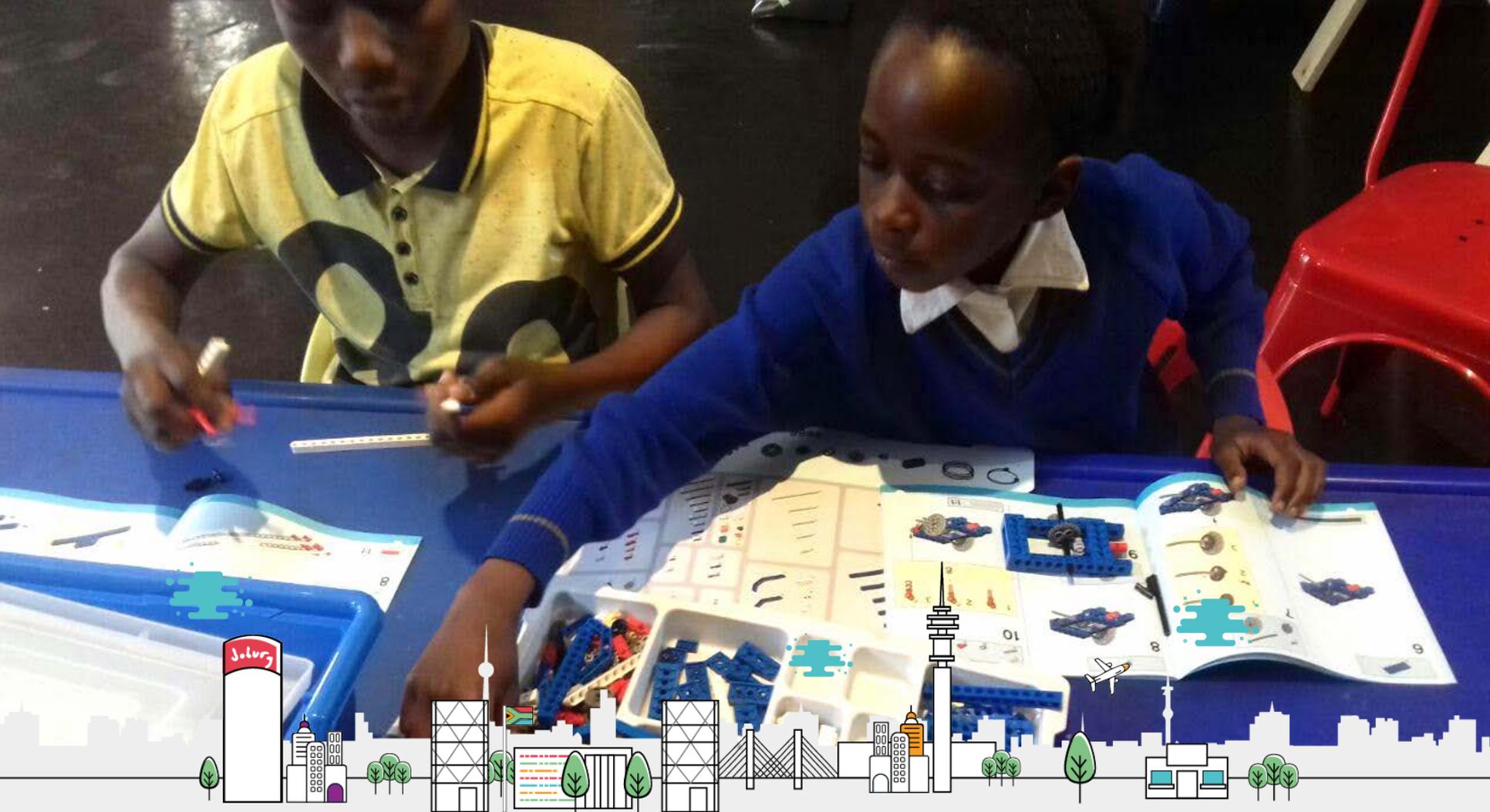
Johannesburg, South Africa





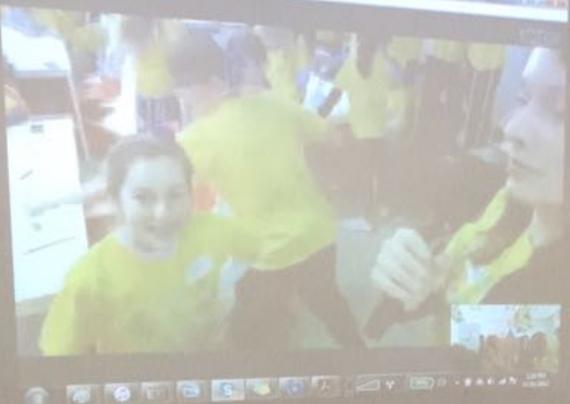








GCDJHB2017















Context

Strategic Integration of SDGs

What We Do

Urban
populations in
Africa will triple in
the next 50 years.



How can children in Africa's cities lead the way in environmental stewardship?





City of Johannesburg

Vision: To create an inclusive Johannesburg with enhanced quality of life that provides meaningful redress through pro-poor development.





Executive Mayor City of Johannesburg

A Re Sebetseng (“Let’s Work”), a new monthly city-wide volunteer clean up campaign. Nearly 1300 clean-ups in last 2 months!

A Re Sebetseng is about re-awakening the spirit of the people and promoting a culture where the community takes responsibility for the cleanliness of their areas.



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Context

Strategic
Integration
of SDGs

What We Do

1)

UN Global Compact

2)

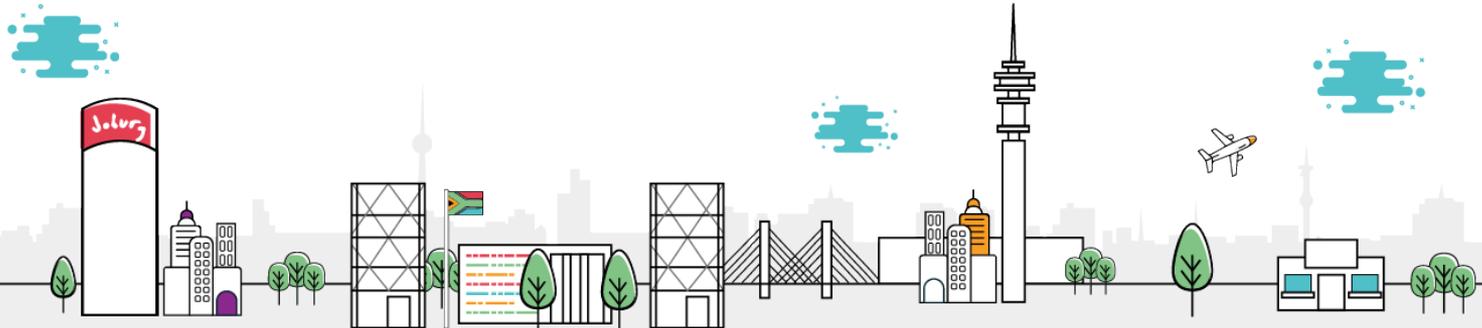
Mapping SDGs
to local
challenges



Aspirations set



Strategic goals
set to achieve
aspirations



Priority Area	2030 Aspiration	Our Focus	Prioritised SDG	Cross-cutting SDGs
Human Rights	Children's rights respected, championed	<ul style="list-style-type: none"> * National consortium for advocacy * Integrating children's rights into all business practices * Partnerships to build "child-first" mindset 		
Education	Equitable access to quality early learning	<ul style="list-style-type: none"> * Provide high-quality education to the public, with focus on children from birth to age 10 Including parents, teachers as partners in the well being of children. 		
Health	Healthy children, families & communities	<ul style="list-style-type: none"> * Public health initiatives for positive health outcomes * Exhibits and programmes to promote wellness and overall health, with context of local challenges * Modeling inclusion of families with disabilities, illness 		
Communities	Free from poverty and inequality	<ul style="list-style-type: none"> * Development focus to create jobs and strengthen capacity * Creating strong partnerships with local community * Support skills development, enterprise development * Support local procurement 	 	
Safety and Security	Children protected by families & communities	<ul style="list-style-type: none"> * Modeling child safety for other NGOs, government * Risk management to drive zero incidents of abuse * Exhibits, programmes to promote attachment 	 	
Environment	Eliminate harm; promote stewardship	<ul style="list-style-type: none"> * Focus on resource management to drive zero harm * Provide visible alternative for natural resource consumption; focus on renewables * Pioneering exhibits, programmes to promote environmental stewardship 	  	





Context

Strategic
Integration
of SDGs

What We Do

Seeking
solutions for
global
challenges...



...through science
inquiry and hands-
on learning.



Partnership

Johannesburg
City Parks
and Zoo

Play Africa

**Education for environmental awareness, stewardship
Children and families lead healthy and productive
lives
in line with National Development Plan 2030 and
SDGs**



1) Children's book *The Big Show* creating a new generation of environmental champions.



'Vuyiswa!' she cried, climbing up to her sister's bunk.
'Wake up! It's today! It's TODAY!'

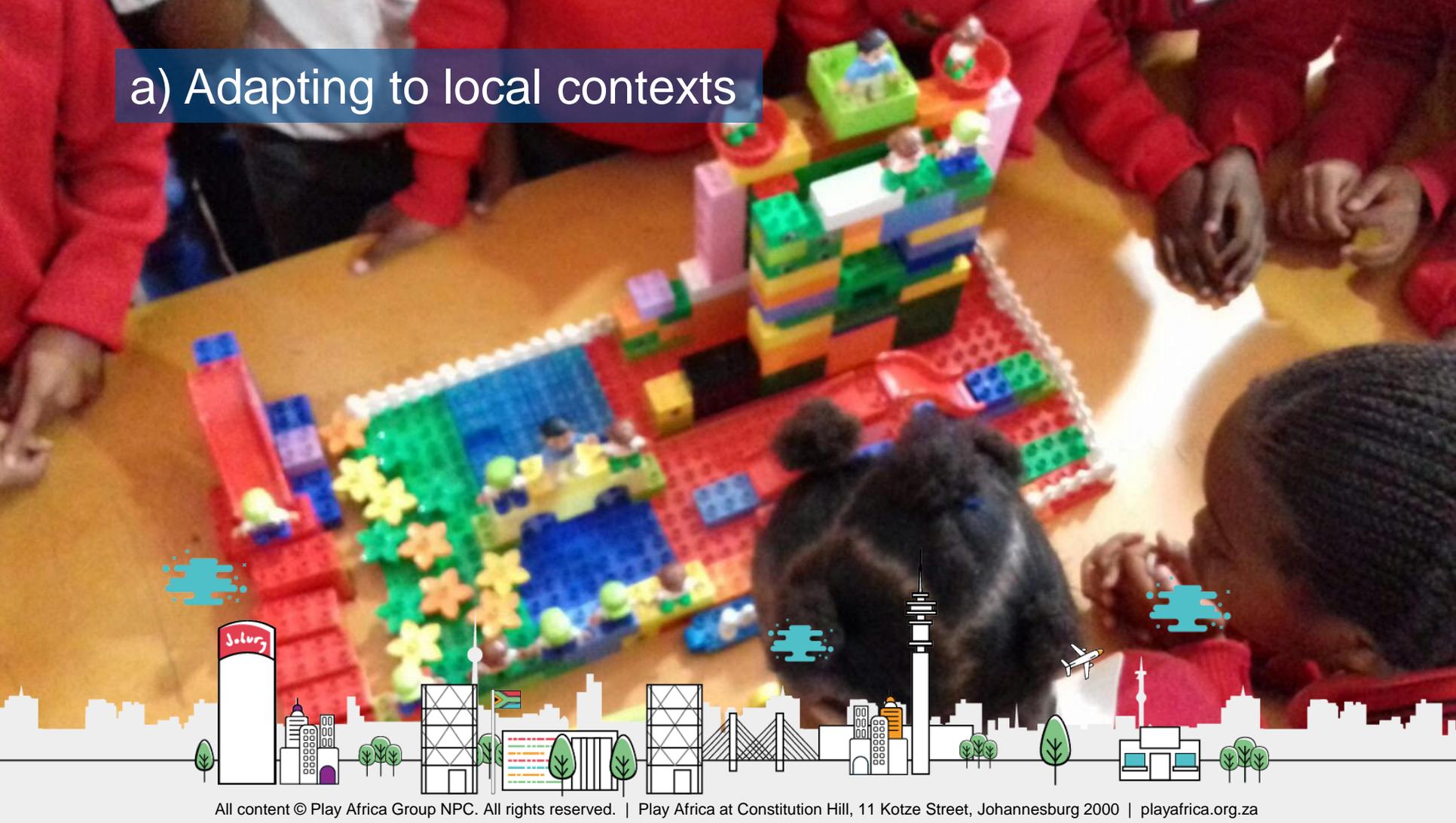


2) Nature Heroes

Children's museum programme in parks



a) Adapting to local contexts





b) Breaking down barriers to access





c) Promoting gender equity and reaching diverse audiences.

d) Hands-on, enquiry-based learning that promotes greater awareness of the natural world.



Experimenting.
Observing.
Recording.



Thank you.

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Mechelen Declaration

- Investigate how to engage even more effectively with local communities and increasingly diverse audiences, and keep the focus on gender differences in engagement.
 - Continue taking actions that have a positive global impact and that will make people everywhere more aware of the opportunities that science and technology hold for the sustainable advancement of humankind.
 - Draw the attention of decision makers and the media to the essential role of public engagement with science and technology by setting up high-profile global activities.
 - Endeavour to leverage the position of science centres as “trusted” places to introduce the public to new technological solutions and sustainable technologies, and to broaden the potential use of these solutions.
- Take the lead in developing the best methods for engaging learners and optimizing their education in both formal and informal settings using appropriate technologies in widely varying contexts.
 - Engage the public more directly with research, using this engagement to help empower people, broaden attitudes and ensure that the work of universities and research institutions is relevant to society and to wider social concerns on a global scale.
 - Work together in a creative celebration of the International Science Centre Year 2019, encouraging people throughout the world to take part in shared experiences relating to science and technology and society.

