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Building and Eco System for sustainable Technology development

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Elements of a Technology Eco System

- Stimulus on all levels
- Understanding the unique nature of the Technology Mind
- Understanding the unique mind of the entrepreneur
- Developing wisdom and creating teams
- Unlocking Skills Development
- Creating Wealth

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Stimulus on all levels

- In order to be successful we need to address development on all levels
- On the ground level we start by training people in Critical Thinking
- Critical Thinking is the basis of Technology Development
- Critical Thinking is the basis of entrepreneurial thinking

Next Gen 100

- The NextGen100 will be the flagship group of individuals who are the best pick of the crop in their chosen discipline be it Science, Technology, Engineering, Mathematics and Innovation and able to apply this by providing novel technological solutions to position the country ahead of its international peers.

- This group is poised to unlock the value of the South Africa through the deployment of the novel technological solutions that bolster competitiveness within the economy, enhancing productivity, economic growth and socioeconomic development.

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Next Gen 100

- The establishment of tech based companies augments the NDP aspirations as the business activity will lead to a more inclusive economic growth and a decent improvement in the standard of living as innovations deployed to the market will result in a more efficient utilizations of resources.

- This will be achieved through the following initiatives: Novel Tech Development – this activity focuses on the application of ground breaking methodologies in coming up with technologies that are ahead of the curve.

Next Gen 100

- Skills Acculturing – is the process of taking candidates at all various levels of education through an innovation curriculum and selecting the best 100 all levels of education and hosting an innovation camp to which the identified talent would be challenged to come up with an innovation.

- For this program, the top 100 innovators identified would be placed in an innovation lab in which they would have to come up with an innovation based on the brief and time provided. The innovation lab is to serve a platform for the innovators to demonstrate their innovations to potential industry clients and researchers

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Future 500

- The basis of this program is to develop South Africa's top 500 minds in innovation that need not necessarily be entrepreneurs but rather be innovation leaders in competency and practice who can work in industry in managing innovation therein.
- Innovation has a very broad definition and in a bid to ensure that a culture of innovation is stimulated across the NSI. The envisaged outcome is on producing a well skilled workforce who have proficiency in innovation.

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Future 500

- This will be achieved through the following initiatives: Industry Innovation Leadership program - this entails placement of candidates in a company that is exclusively engaged on an innovation activity or project in a bid develop the appropriate skills thereafter.

- The goal would be ensure that the candidates participate in the development of the innovation and for them to learn experientially how to manage this. The candidate will be positioned in a manner that allows them to be involved in the full cycle of innovation that they may comprehend and acquire the necessary technical understanding of what is involved in technology development

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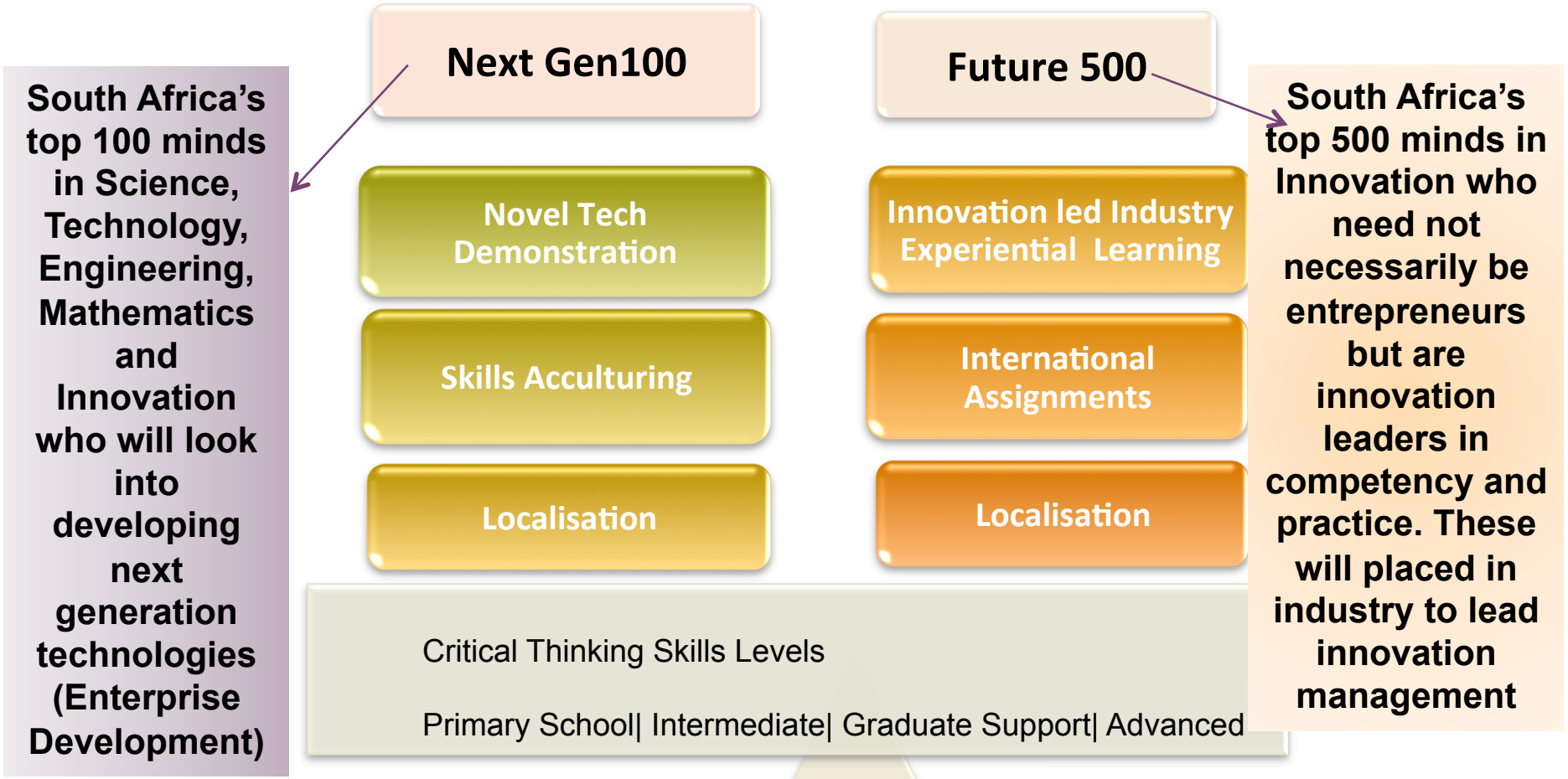
Understanding the Unique nature of the Technology Mind

- Is a Tekkie an entrepreneur?
- Do you want the Tekkie to do the books?
- Understanding profiles and creating teams

Systemic ISDP

Capacitate the NSI (Innovative Future Programme)



Unlocking Skills Development

- Technology requires skilled people
- Skilled people earn money
- Skilled people represent a good market
- A good market means good trade
- Good trade means wealth creation for all

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