Understanding innovation...

• Evolutionary and Revolutionary change
• New products, services and delivery models for early learning
• Increase in the range of stakeholders engaged in promoting early learning
• Radically transform mindsets and paradigms in support of early learning
• Challenge the social dynamics that allow for the status quo to persist
Here are a few different approaches to generating innovative ideas for early learning:

- Potluck sessions: gathering unlike minds
- Pitch session
- Collective idea generation
- International advisory group
- International competitions
- Re-composing ideas
- Private sector platforms
- Web-based innovation challenge/marketplace
- Positive deviance
Source of applications [153]

- EC
- FS
- GP
- KZN
- LMP
- MP
- NW
- NC
- WC

37 INVOLVED TECHNOLOGY AS CORE TO INNOVATION
16 projects

- DAPPS
- Western Cape
- Northern Cape
- Eastern Cape
- North West
- Free State
- Gauteng
- Limpopo
- Mpumalanga
- KwaZulu Natal

- ABFAB
- SIB
- FASD
- ELOM
- Workflow boards
- Crowdsourcing

- Lang in shops & clinics
- Stokvels
Portfolio
Computer gaming to remediate neurological deficits associated with Foetal Alcohol Spectrum Disorder
Sifunda Ngokuthetha
We Learn By Talking Together
Harnessing Renewable Energy for ECD through innovative financing technology
Factory-style workflow boards to improve ECD registration systems efficiency (includes DApps digital platform)

<table>
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<tr>
<th>Simple workflow board – with steps in the process listed along the top</th>
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<td>Each site is represented on a card with basic information:</td>
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<td>- Name of ECD centre</td>
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<td>- Ward</td>
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Improving systems efficiency in managing Government transfers to ECD centres through digital identity platform

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- Monthly claims process
- Requisitions process
Neuroscience research translation and communication - Innovating social change in the midst of a scientific revolution
Early Learning Outcomes Measure for assessing ECD programme effectiveness

- Less than 40% of poor young children in SA have access to early learning programmes.
- Only 36% of Grade 3 learners achieve more than 50% in standard maths assessments.
Using crowdsourcing technology to identify and map all ECD services in marginalised communities
Testing Social Impact Bonds for ECD in SA

Global Impact Bonds
29 UK
7 US
1 Canada
1 Netherlands
1 Belgium
1 Germany
1 Portugal
2 Australia
1 India

Early Childhood Development Impact Bonds
- Utah, Chicago + 30 other cities: Head Start
- USA: Family Nurse Partnerships
- India: Educate Girls

Map showing the distribution of impact bonds globally, with specific examples from various countries.
Leveraging the social capital of Stokvels for ECD

There are over 800,000 STOKVELS IN SA

11.4 MILLION PEOPLE PARTICIPATE IN THESE STOKVELS

STOKVELS ARE ESTIMATED TO INVEST OVER R44 BILLION ANNUALLY
Applying decentralised application interface to social franchising for playgroups
Use of mobile phones to deliver co-ordinated daily messages and content to ECD practitioners, parents and caregivers to promote early learning in centre and home settings.
Systematic screening programme to detect hearing loss in pre-school children in under-served communities
Got an idea......

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