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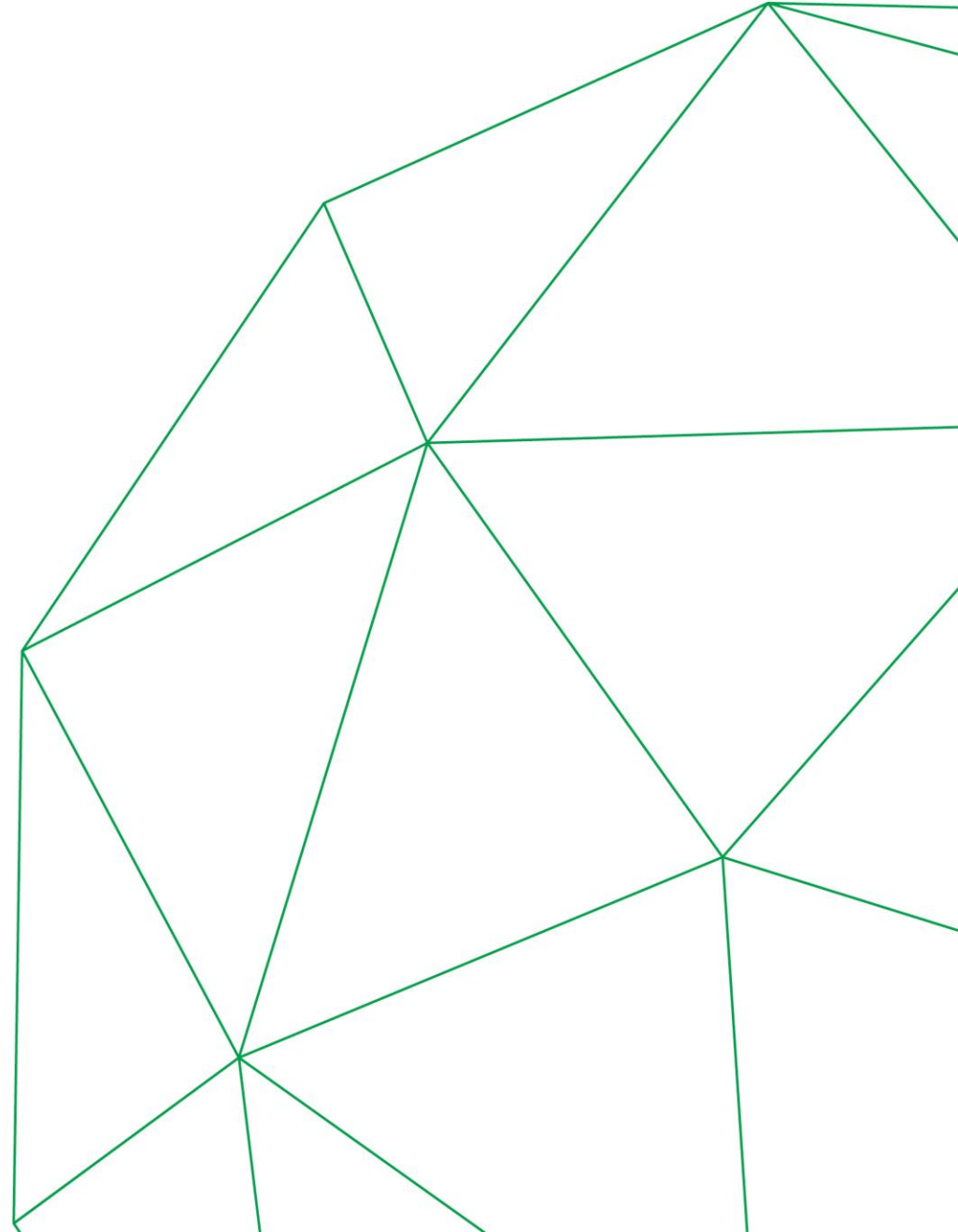
# Agriculture Resilience

Benedict Libanda

13–15 September 2022  
Incheon, Republic of Korea

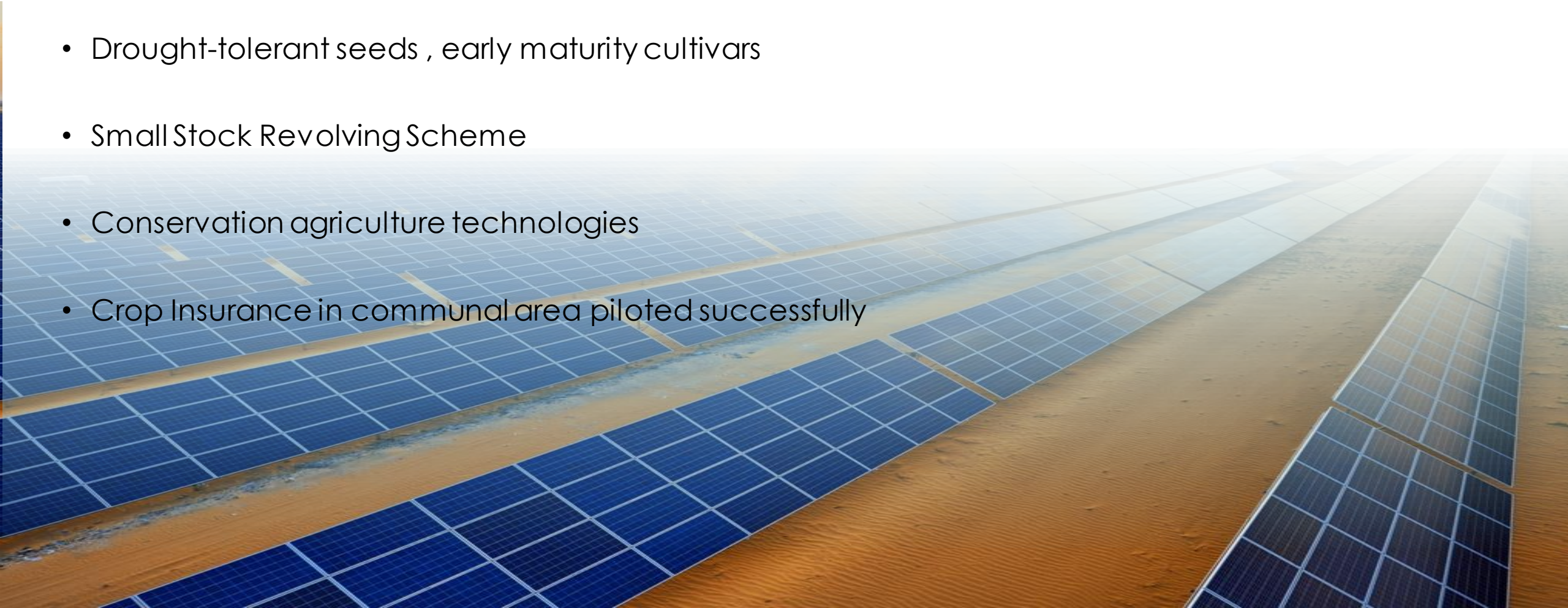
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# Climate Resilient Agriculture

- Climate-Smart Technology includes: solar-powered energy input systems
- Fodder production through hydroponic systems
- Drought-tolerant seeds , early maturity cultivars
- Small Stock Revolving Scheme
- Conservation agriculture technologies
- Crop Insurance in communal area piloted successfully



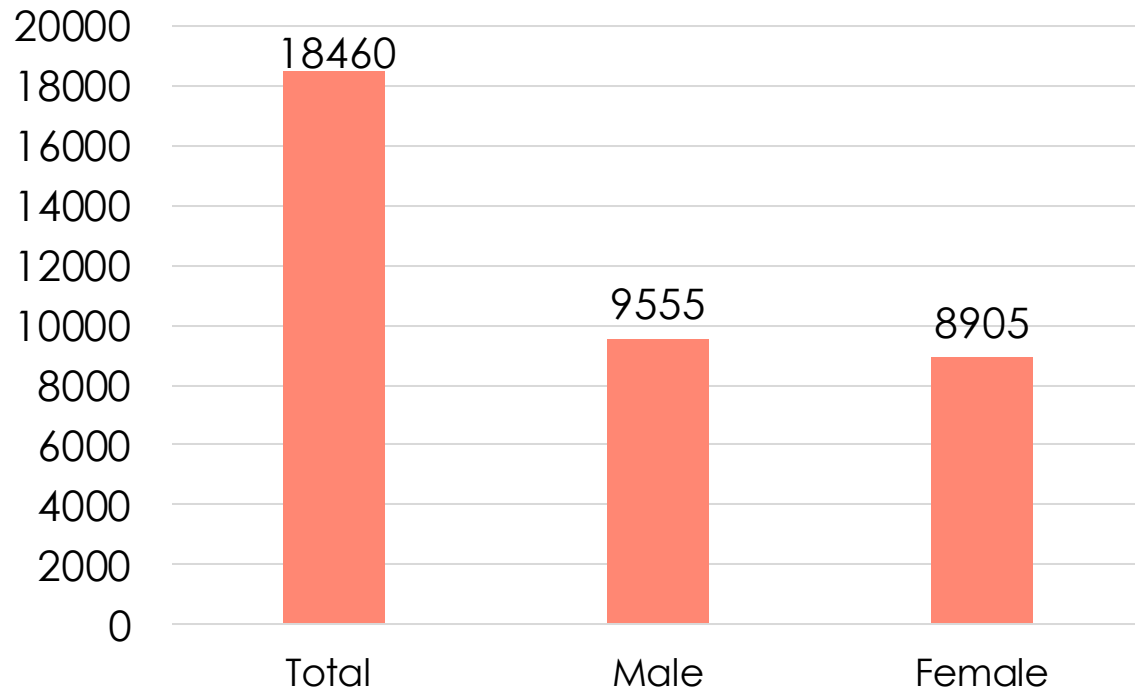


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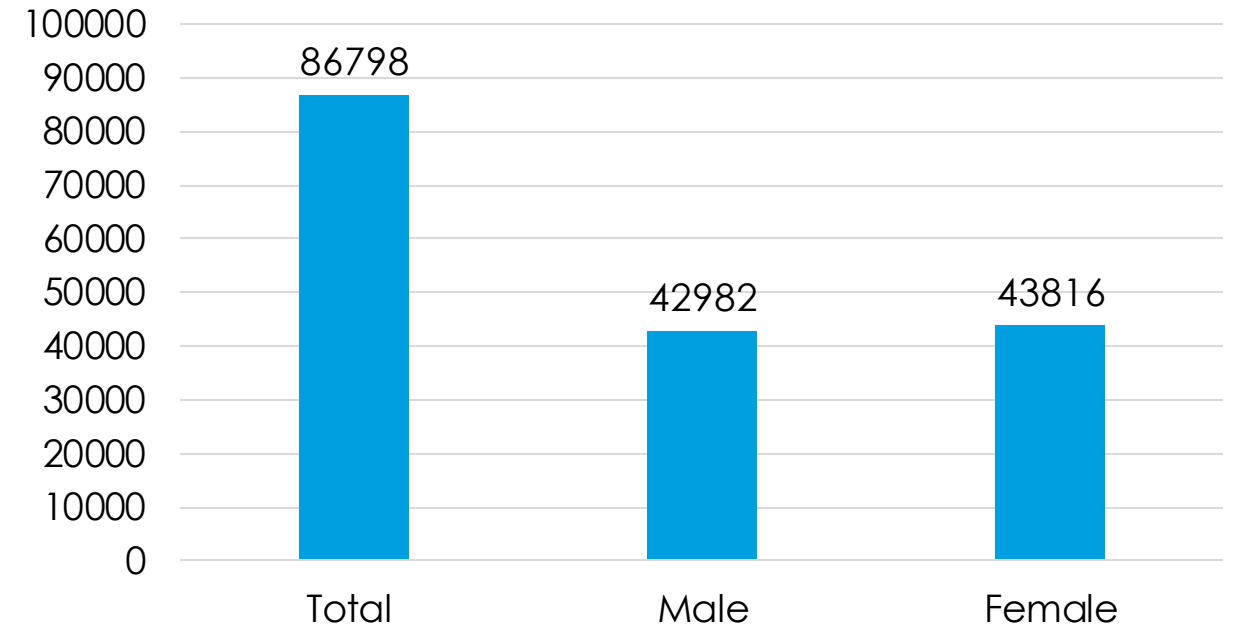
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# Total number of direct beneficiaries

Direct beneficiaries supported

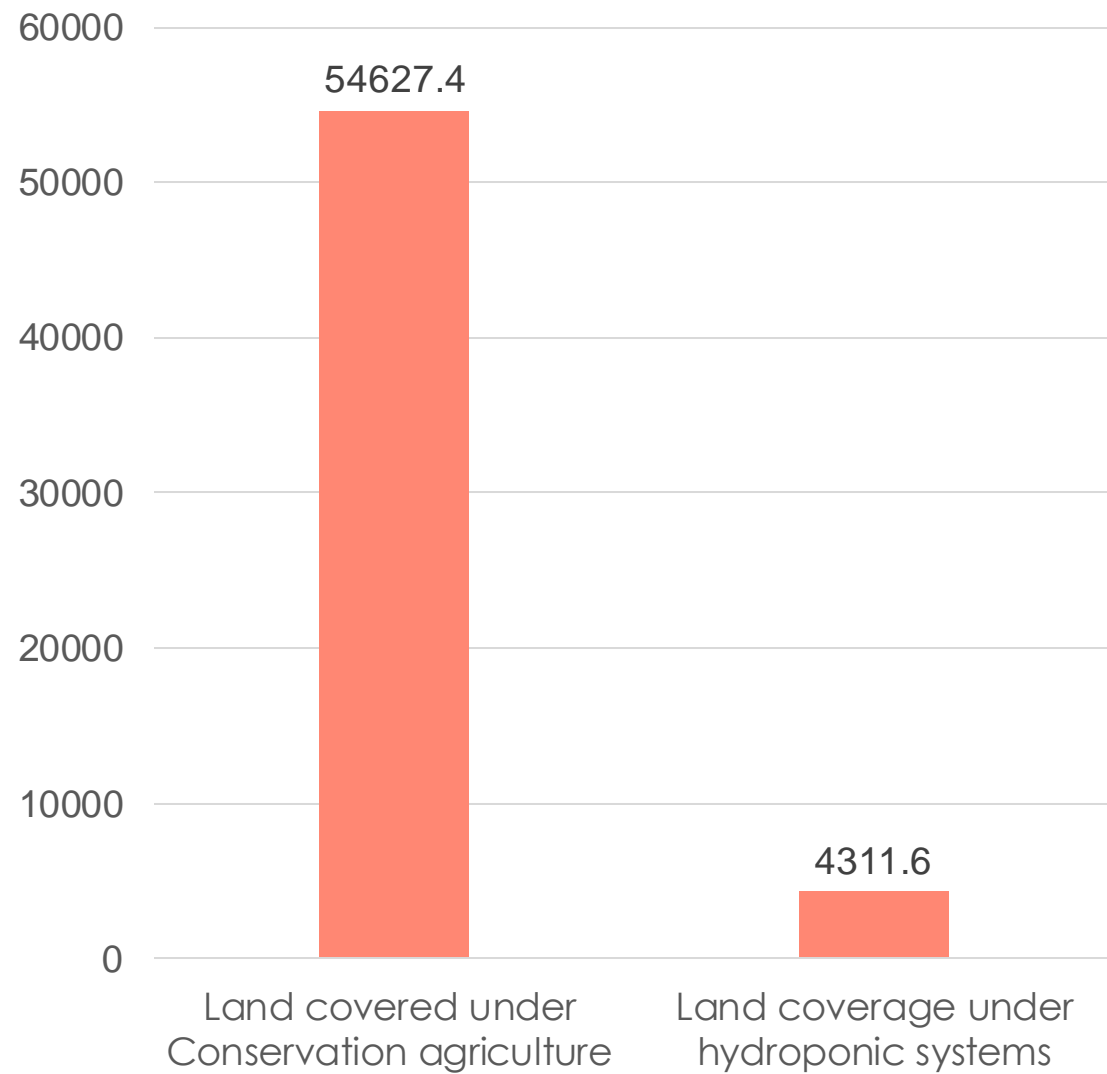


Indirect beneficiaries supported





## Hectare coverage



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## Increased food security and revenue generation



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**310,35 tonnage** of cereals  
and horticultural products  
produced



**US\$ 3.2 million income**  
**generated** from climate change  
initiatives





## Diversification and climate resilience small scale infrastructure



**230 boreholes** were rehabilitated & retrofitted with solar pumping systems



**123,000 small scale** farmers having access to fresh drinking water



**145,000 people** benefiting from livelihood diversification



# Women empowerment



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**1,728 of females**  
trained on climate  
resilient farming systems



**5 female tractor  
drivers** trained



**1,785 number of  
resilient breeds**  
distributed to female  
headed households

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## Hydroponic fodder production



**3,000 sheep** fed by  
two hydroponic fodder  
systems daily



**5677** kg of fodder  
production daily



**90%** water savings  
compare to fodder  
irrigation such as  
lucerne

13-15 September 2022





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## Value chains and addition



**90%** water savings compare to fodder irrigation such as lucerne



**92** nature based enterprises created. Livestock, crop,



**32** product supply agreements facilitated with the formal markets



# Lessons Learned



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## 1. Policy

The interventions have proved to inform future policy development and interventions (scalability and sustainability of actions);



## 2. Cost of Implementation

GCF to reassess the entity fee structure for micro projects (current arrangements undermines the quality delivery of projects);



## 3. Need for Programmatic Approach

There is a need to move away from short term projects to programming framework;



## 4. Consider new financing Vehicles

GCF to increase its appetite through innovative ideas such as support to structured blended finance initiatives to attract more capital.



## 5. Explore possibilities to nature and upgrade entities

A deliberate programme to upgrade accreditation scope of entities might be a good strategy to improve DAE capacities





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# Thank you

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