



### What is the Impact Catalyst



- The Impact Catalyst is an initiative founded by Anglo American, Exxaro, CSIR and World Vision International, to deliver socio economic change on a regional scale.
- The vision and purpose of the Impact Catalyst is establish inclusive, collaborative, cross-sectoral platforms, initiatives and partnerships to achieve systemic socioeconomic impact through public private partnerships.
- The initiatives are designed to leverage collaboration for collective impact, be cross sectoral and selected for impact beyond the scale of individual participants.



POWERED BY:











# Impact Catalyst Already Delivering impact at a national and regional scales































oremier





















### Strategic focus areas

### Economic development



Economic development is the process whereby simple, low-income national economies are transformed into modern industrial economies.

# Health promotion



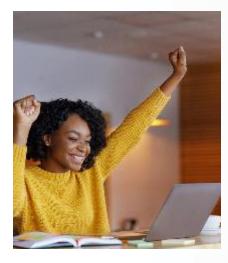
Health promotion is the process of enabling people to increase control over, and to improve, their health.

### Education



Education is an important means to improve personal endowments, build capabilities, overcome constraints and enlarge available set of opportunities and choices for a sustained improvement in wellbeing.

## Social empowerment



Social Empowerment is the process of developing a sense of autonomy and self-confidence and acting individually and collectively to change social relationships and the institutions and discourses that exclude poor people and keep them in poverty.

# Environmental sustainability



The goal of environmental sustainability is to conserve natural resources and to develop alternate sources of power while reducing pollution and harm to the environment.

### What is ESG



- **Environmental** criteria, includes the energy your company takes in and the waste it discharges, the resources it needs, and the consequences for living beings as a result. Not least, E encompasses carbon emissions and climate change. Every company uses energy and resources; every company affects, and is affected by, the environment.
- **Social** criteria, addresses the relationships your company has and the reputation it fosters with people and institutions in the communities where you do business. S includes labour relations and diversity and inclusion. Every company operates within a broader, diverse society.
- Governance, is the internal system of practices, controls, and procedures your company adopts in order to govern itself, make effective decisions, comply with the law, and meet the needs of external stakeholders. Every company, which is itself a legal creation, requires governance







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### **IMPACT CATALYST SUSTAINABLE DEVELOPMENT GOALS**



### Environmental











### Social



5 GENDER EQUALITY

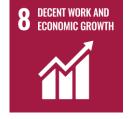
REDUCED INEQUALITIES













### Governance













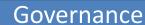




### **Kellogg' Winter Wheat Pilot**













AGREE ON **PILOT SCOPE** 





TRIALS & COMMERCIALISE











AGRONOMICALLY **FEASIBLE** 



**EXPOSE** COMMUNITY TO NEW IDEAS - PROGRAMME DESIRABLE





FARMER YIELDS AND QUALITY MATCH CONTROLLED SITE.

> PROOF OF ECONOMIC CONTRIBUTION, SKILLS DEVELOPMENT, ENVIRONMENTAL REMEDIATION.

WHEAT MEETS KELLOGG'S STANDARDS + OTHER MARKET OPPORTUNITIES.

SCALABLE ON REMEDIATED MINE LAND UTILISING MINE WATER

STRONG COMMUNITY INTEREST AND MINDSET TO PARTICIPATE IN THE PROGRAMME.

CASE STUDY: PATHWAY TO TRANSITION MINE ECONOMIES AND IDENTIFY REGIONAL LAND USE OPPORTUNITIES.

PROVINCIAL, MUNICIPAL AND NATIONAL GOVERNMENT BUY IN AND SUPPORT.

PLAN TO BE DETERMINDED AFTER PILOT





20- 30 jobs / 3000 ha, 10 000 tonnes of Zn fortified wheat are planned for commercialisation phase

### **ZEBEDIELA FRUITS**

**Partners:** 





### **Environmental**





### Social





















Create a roadmap for re-capilisation of the Estate that could create multiple jobs and numerous up and down stream enterprise development opportunities.

#### Introduction:

Through its partnership with the Limpopo OTP, the Impact Catalyst was approached by the Limpopo Department of Agriculture and Rural Development (LDARD) to assist in the commercial development and scaling up of a number of flagship agricultural projects in the province. Zebediela Citrus Estate is the largest of these projects. Zebediela is owned by the Bjatladi CPA with 1,574 members and in its heyday in the late 1970's it used to be the largest citrus estate in the world. Unfortunately, though, due to a combination of poor management and a lack of capital investment since it was transferred into communal ownership, the estate today is but a shadow of its previous self.

### Value / Impact:

Re-imagine the Zebediela Estate by developing an integrated Master Plan for optimal development

Recapitalisation of 5,973ha Zebediela Citrus Estate over 10 years

By accessing more investment capital and investing in boosting the estate's excellent water resources, the project can be scaled, thereby creating many more jobs - 2,000+

### **Social Employment Fund**



























#### **Partners:**



exxaro





















**Objectives:** 

DE BEERS

A grant to support socio-economic activities in communities. Increase employment and SMMEs for the communities and alleviate unemployment, by diversification of the economy.

#### Introduction:

Phase 1 of the programme aims to employ over 4,000 community members in Mpumalanga, Limpopo, Northern Cape, Free State, North West and Gauteng, for purposes of environmental and agricultural management. Phase 2 of the programme will include the beneficiation by unlocking the opportunities of an invasive and alien biomass economy. Phase 3 of the programme includes the rehabilitation and management of the land in order to sustainably feed the beneficiation model. Optimize the agricultural land for commercial agricultural development, by unlocking water and arable land for planting or grazing. In Zebediela agricultural management through deployment of an active, large-scale agricultural operation will be deployed to promote sustainability.

Value / Impact:

Over 4,000 jobs R48m towards wages Impact in 6 provinces SMME development Sustainability Training of beneficiaries True collaboration and partnership Phase 1: 9-month catalytic phase Diversification of the economy



### On demand manufacturing









Social









### **AngloAmerican**

Additive manufacturing (aka 3D printing) and other on-demand technologies are rapidly providing cost-effective local production opportunities as production robotics get faster, better, and cheaper. This in turn presents an opportunity to re-shore (localize) spare parts and generate new industrial and service jobs for host communities and surrounding regions while simultaneously cutting carbon emissions. This approach is also very expandable to other sectors.

Following on-site interviews and analysis of data from Anglo American Platinum's Eastern and Western Limb distribution centres, as well as Mogalakwena office operations, and discussions with the CSIR, multiple (>400) spare parts were identified as good candidates for on-demand manufacturing. It is likely that many more exist. This concept note outlines a proof of concept pilot project focused on the local on-demand manufacture of impellers using 3D printing and associated technologies.

Laser based refurbishment or additive manufacturing technologies have progressed significantly in recent years and are now able to create original plastic and metal components or refurbish worn parts. This presents a circular economy opportunity while improving operational efficiency through improved maintenance practices, more efficient management of degraded parts and spare parts inventory. It also presents an opportunity to create industrial and services jobs in our host communities and surrounding regions and could be expanded to other sectors.







### Governance

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### **CORE SOLUTIONS**



Recyling:

**PET** 

**Waste Pickers Solution** 

**Glass** 

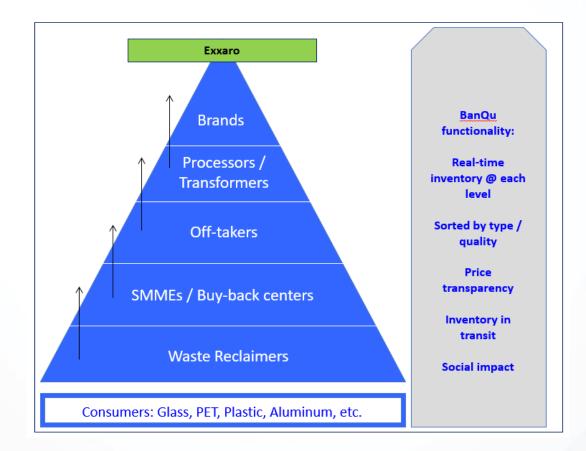
**LDPE** 

**HDPE** 

**Aluminum** 

**Paper** 

Cardboard



### POWERING POSSIBILITY **SUSTAINABILITY**

- + Climate Action
- + EPR & Scope 3 Compli.
- + CO2 Credits
- + Water
- + Conservation
- + Deforestation
- + Poverty Alleviation
- + Local Sourcing
- + Banking the Unbanked
- + Gender Equity
- + Access to WASH
- + Human Rights
- + Fair Wages
- + End Child Labor
- + Fnd Forced Labor
- + DEI Metrics



Carbon



### **Environmental**





Social





















- Improve the road safety management capacity at key public institutions with road safety-related mandates at the provincial level.
- Improve the post-crash response system.
- · Improve livelihoods and employment opportunities linked to safe behaviours and road safety enhancement initiatives.

#### Introduction:

NO FENCE

**Partners:** 

(AngloAmerican

- The LRSP is a 3-year programme which will focus on road safety in the Limpopo Province
- The programme has been conceptualised by following the Safe Systems Approach (SSA) an intervention methodology to facilitate a change in thinking and action

Pillar 3

Safer vehicles

The programme is designed around the five priority pillars of the SSA:

Value /	
Impact:	

This pillar highlights the need to
strengthen institutional capacity to
further road safety sefforts. It includes
activities such as putting into practice
major United Nations road safety
conventions

Pillar 1

Road safety management

Limpopo Road Safety Programme (LRSP) 12 ESPONSIEL LIMPODO ROAD SAFETY PROGRAMME (LRSP) 12 ESPONS

#### This pillar highlights the need to improve the safety of road networks for the benefit of all road users, especially the most vulnerable: pedestrians, bicyclists, and motorcyclists.

Pillar 2

Safer roads and mobility

This pillar addresses the need for	
improved vehicle safety by encouraging	
harmonization of relevant global	
standards and mechanisms to accelerate	
the uptake of new technologies which	
impact on safety.	

#### Pillar 4 focuses on developing comprehensive programmes to improve road user behaviour. Activities include encouraging the development and adoption of model road safety legislation and sustained or increased enforcement of road safety laws and standards.

Pillar 4

Safer road users

#### Pillar 5 aims to increase responsiveness to post-crash emergencies and improve the ability of health, fire and rescue, and other systems to provide appropriate first response, emergency treatment and longer-term rehabilitation for crash victims.

Pillar 5

Post-crash response



### **COMMUNITY ORIENTATED** PRIMARY CARE PROGRAMME

### Environmental

### Social



































• through upskilling of the community health workers of DoH, to implement a model of holistic hi-tech, hi-touch primary care in mine communities;

### **Objectives:** •

- address the technical and leadership skills gaps required to speed up service delivery; and
- improve care coordination through strengthening the multi-disciplinary teams in the clinic health catchment areas.

#### Introduction:

The University of Pretoria's Health Faculty has been supporting the Anglo American and Exxaro mine companies since 2019 with strengthening the primary healthcare service by providing up-front and weekly in-service training to the foot soldiers of primary healthcare, the community health workers. The COPC Research Unit has been instrumental in supporting in the Emakhazeni area's peer educator programme during 2019, and has been working in 133 clinics in Anglo American communities since 2020, following an initial pilot in Mogalakwena in 3 clinics in 2019.

### Value / Impact:

Community benefits include:

- Improved patient adherence
- Convenience and ease of access

- R10.6 mill poverty reduction
- R11.7 mill contribution to GDP

R6.4 mill savings on pharmaceuticals (TB & HIV)

### **COMMUNITY AND SCHOOLS ICT**















Governance









#### **Partners:**









Objectives: To implement community Wi-Fi Hotspots across host rural communities in the various Northern Cape, Mpumalanga, Limpopo and North West

#### Introduction:

The community WiFi solution is to impact on the upliftment of the socio-economic status of the communities. This will provide them with access to information and digital technologies and access to the global information via the Internet. As stated by the World Economic Forum: "An ICT connected society is a major step towards economic upliftment." It provides access to the global information and connects people from all walks of life without any physical interaction.

Value / Impact:

Area	# of Villages
Mogalakwena (LP)	49
De Brochen (NW)	4
Amandebult (LP)	49
Rustenburg (NW)	34

Area	# of Villages
Polokwane (LP)	20
Emakhazeni (MP)	13
EMalaheni (MP)	5
Lephalale (LP)	4

Total of 174 communities in NW, LP, MP

> **Total of 403 Schools** in NW, LP, MP, NC

### CONCLUSION



COLLECTIVE

IMPACT

OPEN AND

- "Insanity is doing the same thing over and over and expecting different results." Einstein
  - ☐ Innovation allows us to deliver impact differently than the failed methods of the past.
  - ☐ The Impact Catalyst itself is business model innovation. Disruptive models forces a change management process and moves organisations and people from their comfort zone.
  - ☐ Using Innovation allows communities to leapfrog into new sustainable communities. Innovation allows for more effective governance and improves environmental sustainability.
- Achieving the Sustainable Development(SGD) goals and ESG targets can be achieved through proper designed programmes that can leverage all ESG targets and multiple SDG goals though a single implementation
- A collective Impact model is much more effective in delivering large scale impact across multiple
  organisations and allows for SGD and ESG targets to be achieved more effectively.

