

### Background

Industrial Symbiosis (IS) is a resource efficient approach, where unused or residual resources (material, energy, water, waste, assets and logistics) of one company are used by another.

The NCPC-SA is the custodian of the Gauteng, KwaZulu-Natal, Mpumalanga Industrial Symbiosis Programmes (GISP, KISP and MISP) respectively.

### Quick facts on the IS Programme



#### What is IS?

It is a free facilitation service that uses internationally proven industrial symbiosis approach to enhance business profitability and sustainability.



#### How it works?

IS Programme uses a unique facilitation approach to rapidly match member companies' underutilised resources with those who can utilise them.

The programme actively supports its members to realise business opportunities or "synergies".



#### IS Programmes



Gauteng IS Programme  
KwaZulu-Natal IS Programme  
Mpumalanga IS Programme



Western Cape Industrial Symbiosis Programme



National Industrial Symbiosis Programme

### IS Programme partners



#### IS increases

- Profit
- Sales
- New business
- Jobs
- Utilisation of assets
- Innovation
- Inward investment
- Learning
- Knowledge transfer



#### IS decreases

- CO<sub>2</sub> emissions
- Landfill costs
- Use of virgin resources
- Industrial water usage
- Hazardous waste
- Pollution
- Transport



# Register your business on the IS database:



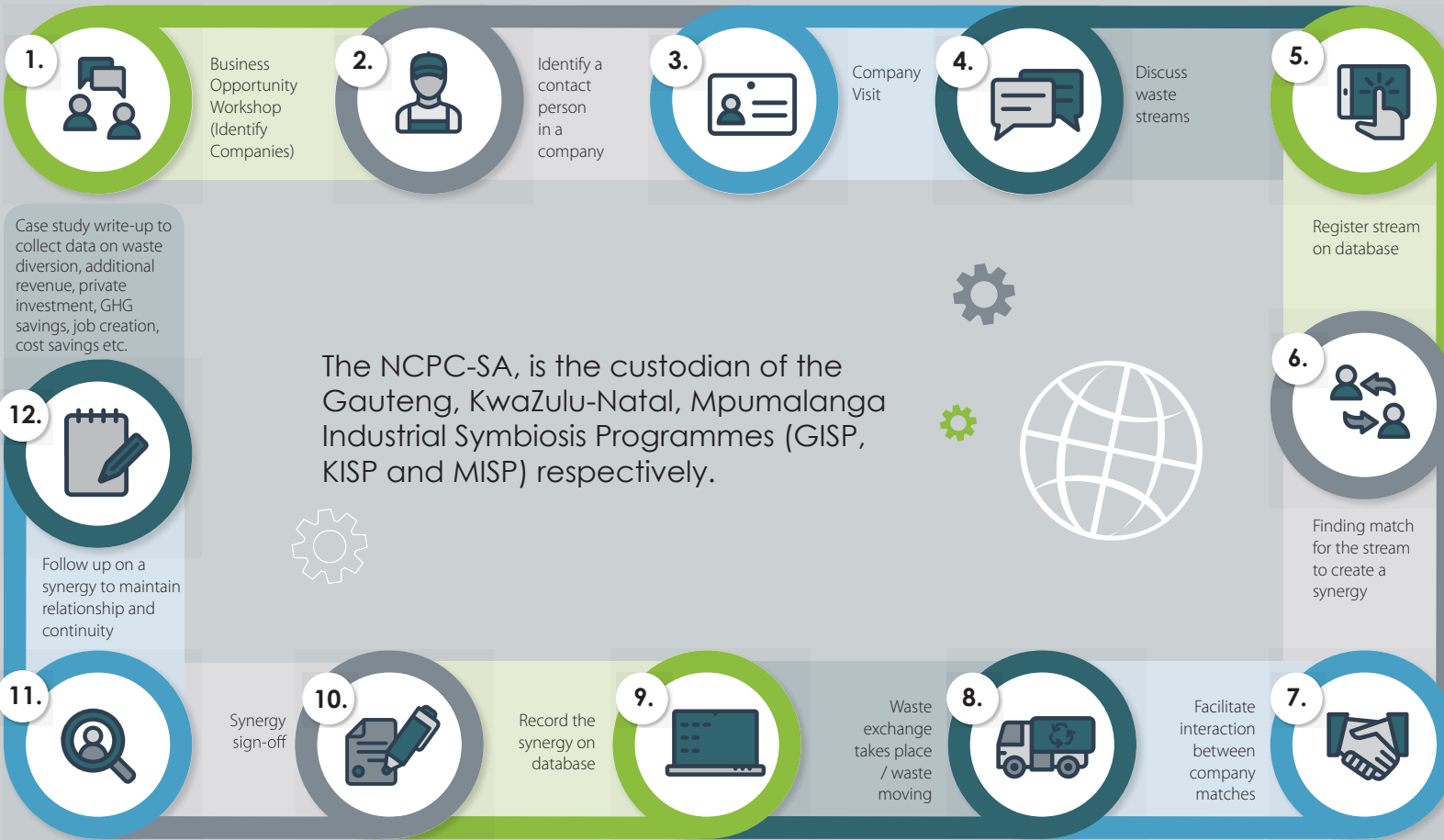
Enquire for assistance



Register the resources that you **HAVE**



Register the resources that you **WANT**



## Highlights of the IS Programme

(savings and achievements 2014 - 2018)

Businesses assisted **46**

Cost savings through landfill diversion **R17 713 486**

GHG emissions savings **70 390 tonnes CO<sub>2</sub>e**

Industrial water saved **862 795 m<sup>3</sup>**

Jobs created part time / permanent **6**

Waste diverted from landfill **111 502 tonnes**

Virgin resources use reduction **107 338 tonnes**

The NCPC-SA is the national resource efficiency programme of the dti.

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