



Aerospace Industry Support Initiative

an initiative of **the dti**



AISI AT A GLANCE

2017/18

AISI Vision

To position South African aerospace and defence related industry as a global leader, in niche areas, whilst ensuring effective interdepartmental participation and collaboration.

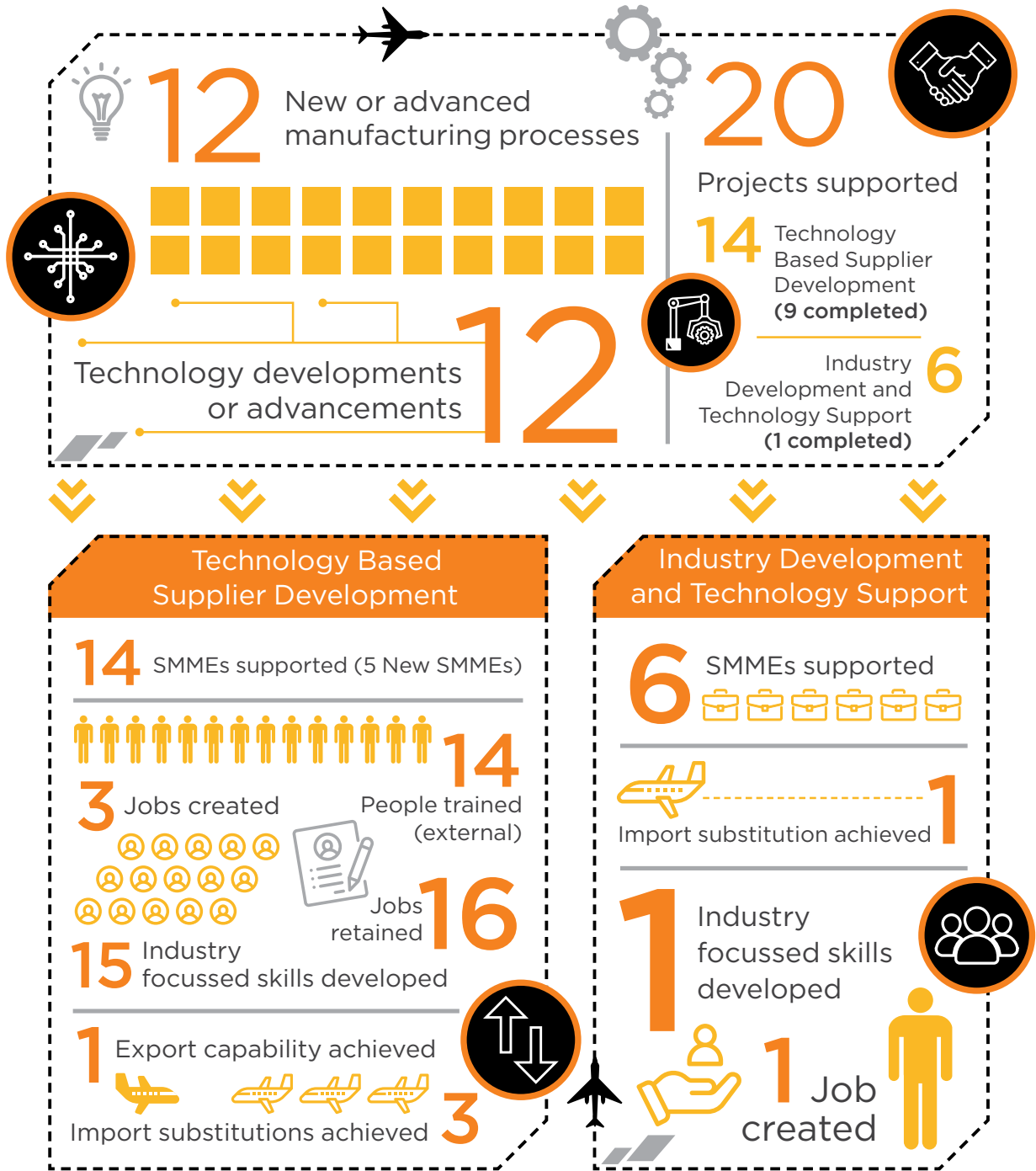
AISI Mission

To enhance the global competitiveness of the South African aerospace and defence industry by:

- Developing relevant industry focused capabilities and facilitating associated transfer of technology to industry
- Providing a platform for facilitating partnerships and collaboration amongst government, industry and academia, locally and internationally
- Identifying, developing, supporting and promoting the interests and capabilities of the South African aerospace and defence industry
- Accelerating the achievement of government strategic objectives including growth, employment and equity.



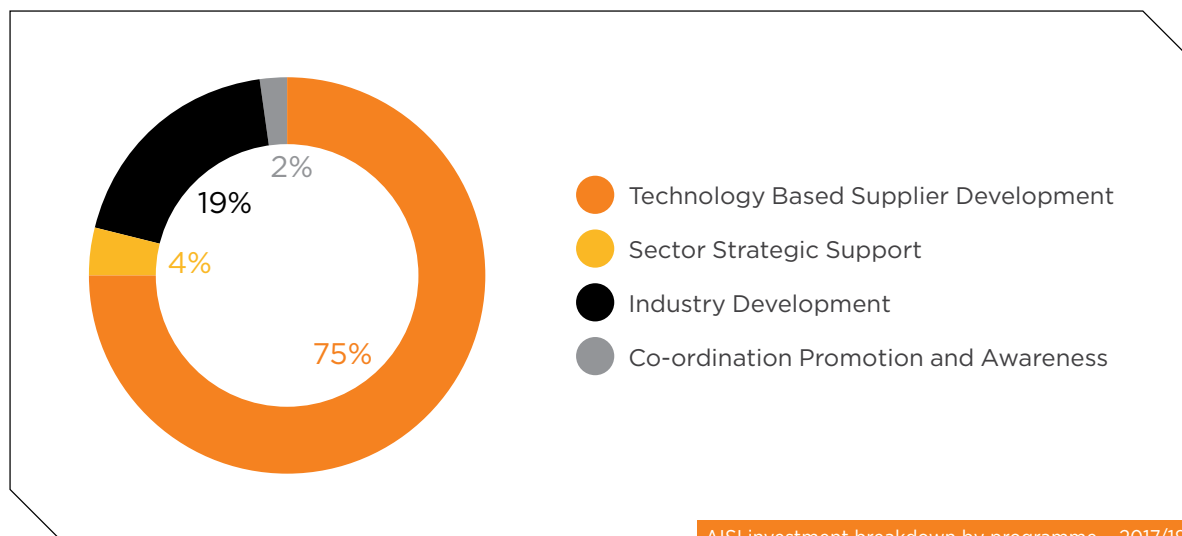
Impact and Benefits



The Department of Trade and Industry (**the dti**), through its Advanced Manufacturing Chief Directorate, established the Aerospace Industry Support Initiative (AISI) to support the South African industry to improve its competitiveness. The AISI executes its mandate through four main programmes namely:

- Technology Based Supplier Development
- Industry Development and Technology Support
- Sector Strategic Support Initiatives
- Coordination, Promotion and Awareness

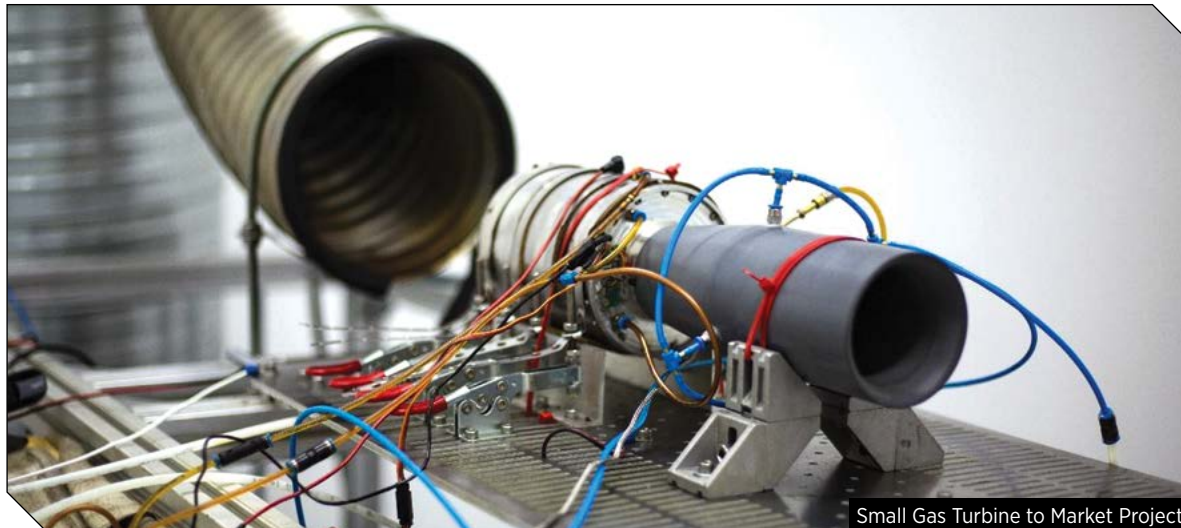
As reflected in the figure below, 75% of the AISI's budget for the year was invested in Technology Based Supplier Development projects. These include technology enhancement, standards and accreditations and supply chain improvement projects. 19% of the budget was invested in Industry Development and Technology Support projects. The remainder was invested in Sector Strategic Support Initiatives as well as Co-ordination, Promotion and Awareness.



Technology Based Supplier Development

The AISI's Technology Based Supplier Development Programme provides enabling mechanisms to assist the industry in improving its competitiveness, productivity and quality management systems. This allows for optimisation of operations and procedures to ensure that the South African aerospace industry is able to integrate into global supply chains. The strategic focus remains on SMMEs with the objective to ensure industry transformation, and broadening of the economic base participating in the industry. The programme is made up of three interventions namely:

- Technology Enhancement
 - Technology Transfer and Validation
- Standards and Accreditation
- Supply Chain Optimisation



Technology Roadmapping

During the 2017/18 financial year, the AISI introduced Technology Roadmapping exercises as a tool to identify and select projects for support. This applies mainly to projects supported under the Technology Based Supplier Development Programme. One of the benefits for the SMMEs that participated in the exercise was the ability to identify trends and drivers influencing their businesses, and developing technological interventions to respond to them. Four technology roadmapping exercises were undertaken during the year.



Industry Development and Technology Support

The Industry Development and Technology Support Intervention focusses on industries in sectors relating to advanced manufacturing in aerospace and defence. These industries are encouraged to industrialise technologies for the advancement of South African niche capabilities and value propositions. 6 Projects were supported through the Industry Development and Technology Support intervention. Only 1 project has been completed and the remainder of the projects are still in progress.



Helicopter Flight Trainer Firefighting Upgrade Project



Local Canopy Production for Sailplanes Project



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An initiative of the **Department of Trade and Industry**, managed and hosted by the CSIR



the dti

Department:
Trade and Industry
REPUBLIC OF SOUTH AFRICA

CSIR

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