

# ***AeroAfrica-EU***

## **Partner Profiling**

### **Brussels**

**29<sup>h</sup> September 2009**

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**on behalf of the AeroAfrica-EU Team**



# AAT-2010-RTD Response

- Analyzed as per the following AeroAfrica-EU Work Programmes
  - WP1 (Mapping the aeronautics and air transport landscape)
  - WP3 (Consolidation and mobilisation towards supporting European FP7)
  - Identified relevant activities and potential local partners
    - Formal workshops held in Gauteng and Cape Town
    - 26 responses from universities, science councils and industry
- 6 relevant institutions extracted and matched to the appropriate activities based upon
  - Level of expertise
  - International track record
  - Willingness and ability to partner

# 7.1.1. The Greening of Air Transport

# 7.1.4. Improving Costs Efficiency

Topic	Field	Institute(s)
Flight Physics [AAT.2010.1.1-1] [AAT.2010.4.2-1]	Aeromorphing & Aerodynamics	Univ. of Witwatersrand (Wits) Council for Scientific & industrial Research (CSIR)
Aerostructures [AAT.2010.1.1-2] [AAT.2010.4.1-2] [AAT.2010.4.2-2]	Light Metals Aeroelasticity Natural Composites Structures	CSIR CSIR CSIR Wits
Propulsion [AAT.2010.1.1-3] [AAT.2010.4.2-3]	Advanced manufacturing Cold Gas Spraying Synthetic Fuels	Central University of Technology (CUT) Wits University of Cape Town (UCT)- Sasol Lab
Avionics [AAT.2010.1.1-5] [AAT.2010.4.1-4] [AAT.2010.4.2-5]	Miniaturization Modular Design	Stellenbosch University (SUN) SUN
Production [AAT.2010.1.2-1] [AAT.2010.4.1-5]	Friction Stir Welding	Wits
Maintenance & Disposal [AAT.2010.1.2-2]	HUMS	SAAB/Avitronics
Design Systems and Tools [AAT.2010.4.1-1]	Modelling	SAAB/Denel

## 7.1.3. Ensuring Customer Satisfaction & Safety

Topic	Field	Institute(s)
Aerostuctures [AAT.2010.3.3-1]	Blast Modelling	UCT-BISRU
Avionics [AAT.2010.3.3-3]	Collision Avoidance	SUN

## 7.1.6. Pioneering the Air Transport of the Future

Topic	Field	Institute(s)
Lift [AAT.2010.6.1-1]	Aeromorphing	WITS CSIR
Guidance and Control [AAT.2010.6.2-2]	Control Design	SUN

# AeroAfrica-EU General Contact Information

## General contact information

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**Thank You  
Questions?**

