

Group 4- South Africa and Colombia

Members

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Requirements for UNISON

Same as UNISEC which is 2 Universities or more



Current status and problems in your Country

South Africa

Status

- CPUT and US are currently the only universities involved in satellite activities.
- Wits is involved with building micro thrusters
- UCT is involved in astronomy
- UWC is involved space sciences

Problems

- Currently not a lot of Universities interested in satellite technology
- Satellite technology expensive and requires a lot of funding
- Government will only fund a specific program once then the program should be self-sustainable (spin –off companies)

Current status and problems in your Country

Colombia

Status

- Only 2 Universities are working in Aerospace
- One is public and government. (Politics)
- Very difficult to collaborate
- One company for satellites but need projects to survive

Problems

- Government not willing to give more money (Only once off)
- Skills get lost cause graduates work at other companies not space related
- Funding from government stop half way due to political issues

If you think you could establish and develop UNISON what could you do as a UNISON member?

- Firstly, start with collaborating on a CANSAT or SPINDLE
- Universities in SA and Colombia have different specialities
- One university build subsystem X and another subsystem Y. Another University build rocket.
- Once CANSAT is build UNISON-SA/Colombia can take part in international competitions such as ARLISS
- Afterwards international collaborations between UNISONS can be established
- Help to change mentalities of neighbouring countries. “Can do attitude!”
- Establishment of CTP programs in SA and Colombia and in neighbouring countries

Thank You!!!