

Advanced Engineering Materials Training Network

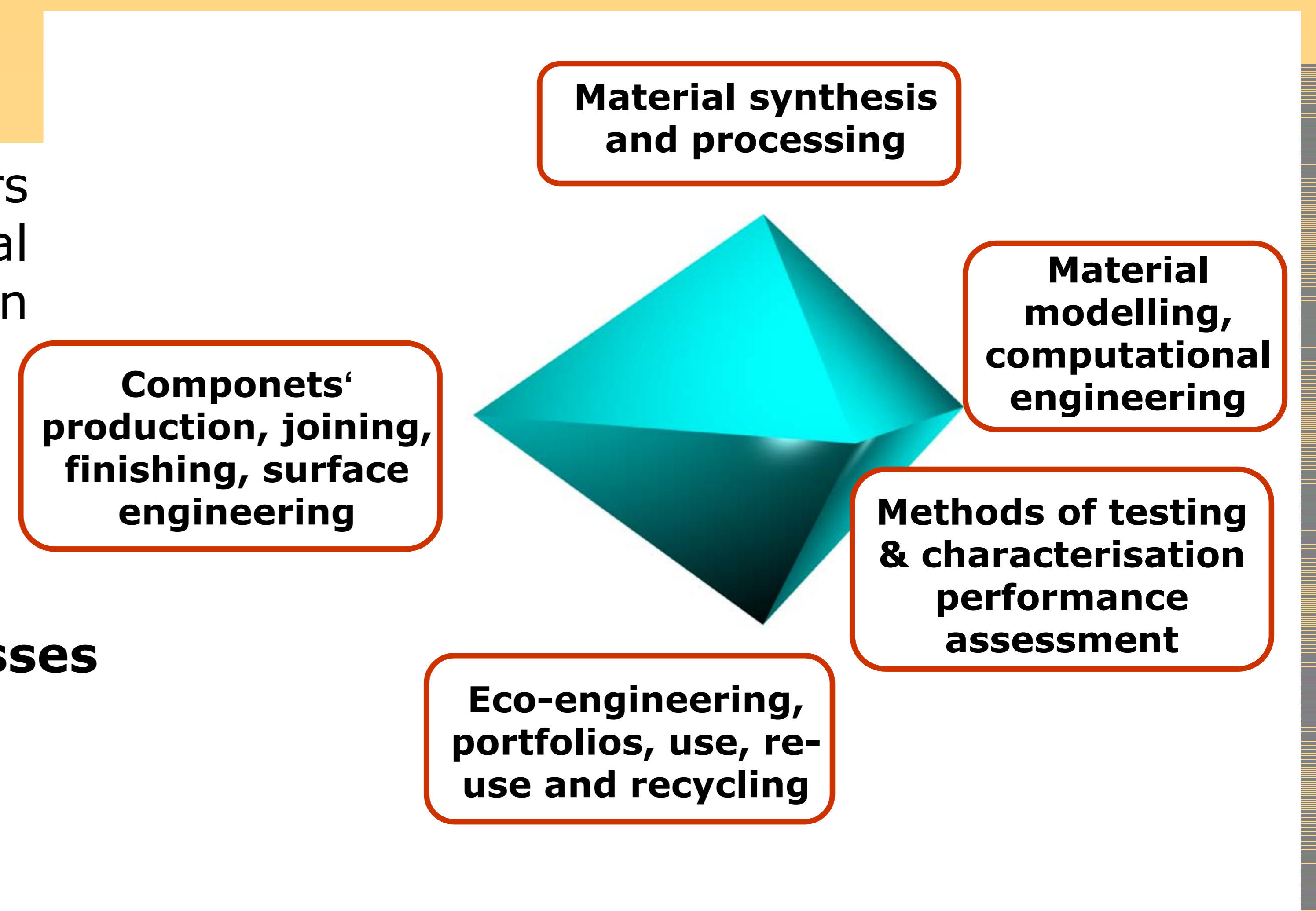
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The **Ademat Network** is a project within the ALFA II programme of the European Union. The main objective is to train students and researchers in high-tech engineering materials and to generate a multinational core of experts to provide effective knowledge networking strategies. The Network involves 13 academic institutions; 7 from Latin America and 6 from Europe and 9 different countries

Training in high-tech engineering materials covers the newest developments in the fields of material science, production technology and characterisation methods of:

- **cellular** and porous materials
- **nano/micro structured** materials
- **light alloys** and advanced **composites** and **glasses**
- **polymers**
- **powder metallurgy** products



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|-----------------------|---|-----------|---|---|------------------|--------------------------|
| Univ. C. de Venezuela |  | VENEZUELA |  | UNITED KINGDOM | Imperial College | |
| Univ. Sao Paolo |  | BRAZIL |  |  | GERMANY | |
| Univ. F. San Carlos | | | | | TU Freiberg | |
| UTN Confluencia |  | ARGENTINE | |  | AUSTRIA | TU Wien (Coordinator) |
| UTN Concepción | | | | | | Univ. des Saarlandes |
| Univ. Rio Cuarto | | | |  | SPAIN | |
| Univ. Concepción |  | CHILE |  | PORTUGAL | Univ. Coimbra | |
| | | | | | Univ. Alicante | |

Objectives of Ademat Network

- **Train students and researchers** in the field of **high-tech engineering** and materials science
- Develop participants' **multicultural skills** (languages, culture), **team work** mentality and **entrepreneurial profile**
- Train grant holders with special consideration for **environmental protection and quality of life**
- Focus the development of specialists towards making a **significant impact in the development of the regions** involved in this project
- Enhancement of **strategic links between academic and scientific institutions**, countries and regions of Latin America and Europe