

## **INDUSTRIAL ENGINEERING**

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### **Summary**

This report presents a study of Catalan research in Industrial Engineering for the period 1996–2002. Research for the analyzed period involved an average of 564 investigators and had an annual average budget of 8.82 million Euros. The results observed for annual average number of doctoral theses and scientific articles per investigator or per million Euros were among the top percentile with respect to research in Catalonia and Spain. This positive evaluation as a whole was partially obscured by the great differences between research groups. Groups with low research output provide evidence that, in the Catalan university environment, in which the majority of investigators carry out both teaching and research activities, there are no adequate requirements for research. An analysis of those groups with the highest output revealed both the factors that enable productivity and those that limit it, such as an insufficiency of research support personnel and the lack of an adequate platform connecting universities with either the industrial sector or the institutions (Catalan, Spanish, and European) that promote research. Finally, some conclusions and proposals for improvement are discussed.

### **Key words**

Materials engineering; Energy and electric engineering; Environmental and Industrial engineering; Mechanical engineering; Chemical Engineering; Textile and paper engineering; Industrial organization

### **Full text**

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