

ERASMUS internships offer by the consortium EDUCA

Centre for the Development or Renewable Energy Sources CEDER-CIEMAT (Soria, SPAIN)

EMPLOYER INFORMATION	
Receiving organization (name, address)	Centre for the Development or Renewable Energy Sources (CEDER) – Research Centre for Energy, Environment and Technology (CIEMAT) CEDER address: Autovía de Navarra A-15 salida 56 42290 Lubia SORIA. SPAIN CIEMAT Address: Avda. Complutense, 40 - 28040 MADRID. SPAIN
Short Description of the organization/company	The CIEMAT is a public research body assigned to the Ministry of Science, Innovation and Universities under the General Secretariat for Scientific Policy Coordination, focusing on energy and environment and the technologies related to them. It has offices in several different regions of Spain, and its activity is structured around projects which form a bridge between R&D&I and social interest goals. In addition to its headquarters in Madrid, it has other venues such as the Centro de Desarrollo de Energías Renovables (CEDER). This Centre is located in Soria province. The activity in this Center is mostly on Biomass and Wind R&D and it can be considered one of the pioneering Centres for Biomass research in Spain, starting in 1986. The main lines of activity are on biomass characterization and evaluation of sustainable biomass resources, demonstration and development of sustainable alternative crops, biofuels production and biofuels characterization in thermal conversion processes (emissions, sintering and corrosion properties).
Contact mail	educaops@gmail.com

PLACEMENT INFORMATION	
City, State	CEDER, Soria, Spain
Description of activities the student will be involved in	Corrosion tests with analyses in scanning electron microscope. Sintering tests with complete elemental analyses and thermal analysis. Physical and chemical analyses of biomass and its ash: ICP-OES, ICP-MS, TGA-DSC, particle size and form, calorimetry, CHN by instrumental method, X-ray diffraction, etc.
Department / Function	Energy department/Biomass Unit/ Biomass Laboratory
Duration	2 - 12 months
Working Hours/Weekly Hours	Full time: 7:45 – 15:15 Monday to Friday
Help with finding Accommodation or any other Contributions or help from the organization	Help to find accommodation if necessary.
Other	

REQUIREMENTS	
Trainee	Student, graduate
Computer skills	Word, excel,
Oral and written language skills	English
Drivers license	NO
Other requirements	

Work areas	<ul style="list-style-type: none">• Chemical analysis• Biomass• Combustion and gasification
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Experience of our participants are found on our website www.educaops.eu
For more information don't hesitate to contact your Erasmus coordinator or Educa o.p.s.