



## PROGRAMME DE STAGES DANS DES ENTREPRISES MEMBRES DU CONSORTIUM INDUSTRIEL Dii « DESERTECH INDUSTRIAL INITIATIVE »

Le Ministère de l'Enseignement Supérieur et de la Recherche Scientifique (MESRS) organise en partenariat avec le consortium industriel Dii « Desertec Industrial Initiative » ([www.dii-eumena.com](http://www.dii-eumena.com)) un programme de stages au profit d'étudiants tunisiens du niveau Mastère. Ce programme est coordonné par la Chambre Tuniso-Allemande de l'Industrie et du Commerce (AHK) et bénéficie d'un soutien financier du Ministère Allemand de l'Economie et de la Technologie.

Ce programme vise à favoriser la coopération scientifique et technologique entre la Tunisie et l'Allemagne dans le domaine des énergies renouvelables et à renforcer les capacités humaines tunisiennes dans ce secteur.

Dix stages sont offerts par huit entreprises membres du consortium Dii dans la phase pilote de ce programme.

Le démarrage de ces stages, dont la durée de stage varie entre 6 et 9 mois, aura lieu entre le mois de janvier et de février 2012.

La parfaite maîtrise de la langue anglaise par tous les candidats est obligatoire.

Tous les candidats retenus participeront à Tunis à une formation pré-stage intensive de perfectionnement en anglais et à un cours de sensibilisation à la culture allemande et aux spécificités du travail dans les entreprises allemandes. L'ensemble de ces formations seront organisées par l'AHK à partir de la mi-décembre 2011.

Tous les stagiaires percevront une indemnité de stage de la part de l'entreprise d'accueil pour couvrir les frais de séjour et d'hébergement en Allemagne. Le MESRS prendra, pour sa part, en charge les frais de voyage et d'assurance de tous les stagiaires.

Les étudiants intéressés sont tenus de remplir le formulaire disponible à l'adresse suivante **au plus tard le vendredi 25 novembre 2011 à 24h00** : <http://tunesien.ahk.de/fr/hr-service/service-de-recrutement/dii-praktikantenprogramm/dii-trainee-application/>

Pour plus d'informations sur les critères d'éligibilité et les procédures de candidature et de sélection, envoyer un email en anglais à : [k.azaiz@ahktunis.org](mailto:k.azaiz@ahktunis.org)



Company	Number of places	Town / Country	Department	Tasks & Responsibilities of the Intern	Required Profile of the Intern	Duration
Deutsche Bank	1	Frankfurt / Germany	<p>Asset Management</p> <p><i>With approximately EUR 550 billion* in managed assets worldwide, the Asset Management division of Deutsche Bank is one of the leading investment management companies – in terms of not only its size, but also the quality of its services and the range of its products.</i></p> <p><a href="http://www.db.com/careers">www.db.com/careers</a></p>	<ul style="list-style-type: none"> <li>✓ <i>Scope of activities, department: Asset Management: either equities, fixed income, distribution</i></li> <li>✓ <i>Key Responsibilities: work together with a designated manager, take responsibility of smaller projects, work on daily tasks, take part in meetings and company meetings, be part of the team</i></li> <li>✓ <i>Details of the qualifications and skills required: outgoing, flexible, pro-active, willing to learn</i></li> </ul>	<ul style="list-style-type: none"> <li>✓ <i>Field of study: Business.</i></li> <li>✓ <i>Desired degree, university level: Student shall be in his last year of Master degree</i></li> <li>✓ <i>Language skills: English is mandatory / Conversational German is of advantage</i></li> <li>✓ <i>Computer skills: MS Office, PPT, Excel, VBA is of advantage</i></li> <li>✓ <i>Special skills: _</i></li> <li>✓ <i>Personal/general skills: outgoing, flexible, pro-active, willing to learn</i></li> <li>✓ <i>Other: financial market knowledge / interest would be helpfull</i></li> </ul>	<p>6 months</p> <p>Feb - July (start - end)</p>

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<b>Bosch Rexroth AG</b>	3	Lohr am Main / Germany	To be discussed <a href="http://www.boschrexroth.com">www.boschrexroth.com</a>	To be discussed	<ul style="list-style-type: none"> <li>✓ Fields of study: 2 Electrical Engineers / 1 Business</li> <li>✓ Desired degree, university level (Student shall be in his last year of Master degree)</li> <li>✓ Language skills: English, German if possible.</li> </ul>	6 months  Jan - Jun (start - end)
<b>RWE Deutschland AG</b>	1	Essen / Germany	New Technologies/Projects <a href="http://www.rwe.com">www.rwe.com</a>	<ul style="list-style-type: none"> <li>✓ Scope of activities, department: Internship probably divided (transmission grid analysis, smart grids)</li> <li>✓ Details of the qualifications and skills required: basic knowledge in load flow calculations, energy systems and markets.</li> <li>✓ Key Responsibilities: to be discussed</li> </ul>	<ul style="list-style-type: none"> <li>✓ Field of study: Electrical Engineering, Industrial Engineering</li> <li>✓ Desired degree, university level: preferably Student shall be in his last semester of Master degree</li> <li>✓ Language skills: English is mandatory</li> <li>✓ Computer skills: Windows Office, esp. EXCEL</li> <li>✓ Special skills: Knowledge in grid modeling</li> <li>✓ Personal/general skills: Open minded, interests in renewable technologies</li> </ul>	6 Months Earliest 01.01.2012



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<b>EON Climate &amp; Renewables</b>	<b>1</b>	Düsseldorf / Germany	Concentrated Solar Power <a href="http://www.eon.com">http://www.eon.com</a>	<b>CSP Business Development</b> <ul style="list-style-type: none"> <li>✓ Review of the Market conditions for CSP in the MENA region</li> <li>✓ Evaluation of the political situation in regards to Renewables in the MENA region</li> <li>✓ Analysis of potential market entry strategies for EC&amp;R CSP in the MENA regions</li> <li>✓ Analysis of existing tender processes and development of a qualification package for the participation in such a tender</li> <li>✓ Establishment of a template for EPC cost calculation and financial modeling</li> </ul>	<ul style="list-style-type: none"> <li>✓ Field of study: Business Economist</li> <li>✓ Desired degree, university level : preferably Student shall be in his last semester of Master degree</li> <li>✓ Language skills: Fluent in English, further languages, i.e. French are welcome</li> <li>✓ Computer skills: Microsoft Office</li> <li>✓ Special skills: Commercial background with some understanding for technological concepts</li> <li>✓ Good understanding of political processes in the MENA region</li> <li>✓ Personal/general skills: Motivated to work in an international team</li> </ul>	6 Months  Feb 2012 to July 2012

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<b>Lahmeyer International GmbH, Consulting Engineer Company</b>	1	Bad Vilbel/ Germany	Energy Division <a href="http://www.lahmeyer.de">www.lahmeyer.de</a>	<ul style="list-style-type: none"> <li>✓ Scope of activities, department: solar and/or wind energy projects, energy master plans engagement of the trainee in either of the following departments: Wind Energy (GE6), Renewable Energies (GE5) Energy Economics and Energy Efficiency (GE7)</li> <li>✓ Details of the qualifications and skills required: general knowledge in renewable energies or specific knowledge in one special renewable energy topic is an advantage</li> <li>✓ Key Responsibilities: project assistance with focus on renewable energies, wind and solar data analysis, assistance in offer preparation</li> </ul>	<ul style="list-style-type: none"> <li>✓ Field of study: Electrical Engineer, Mechanical Engineer, Process Engineer or Physician</li> <li>✓ Desired degree, university level: preferably Student shall be in his last semester of Master degree</li> <li>✓ Language skills: English mandatory, German preferred but not required</li> <li>✓ Computer skills: Office 2010, Excel, Power Point</li> <li>✓ Special skills: knowledge of either electrical or mechanical engineering or industrial engineering.</li> <li>✓ Personal/general skills: flexible, open to different cultures, communicative</li> </ul>	9 months



Company	Number of places	Town / Country	Department	Tasks & Responsibilities of the Intern	Required Profile of the Intern	Duration
ABB	1	Mannheim / Germany	PSSS-E (Engineering, Division Power Systems) <a href="http://www.abb.de">www.abb.de</a>	<ul style="list-style-type: none"> <li>✓ Scope of activities, department: Full scope of electromechanical engineering for high voltage substations , air insulate as well as gas insulated, voltage level from 30 to 800 kV.</li> <li>✓ Details of the qualifications and skills required: Preparation of single lines, layouts and section drawings according to customers specification, shortcircuit and earthing calculations, preparing bill of material and technical data sheets</li> <li>✓ Key Responsibilities: Testing and implementation of new CAD tool into daily business</li> <li>✓ Other: Participation / development of common calculation tools</li> </ul>	<p><b>Primary Design Engineer</b></p> <ul style="list-style-type: none"> <li>✓ Field of study: Power System and/or Electro Mechanical Engineering</li> <li>✓ Desired degree, university level : preferably Student shall be in his last semester of Master degree</li> <li>✓ Language skills: English is mandatory, French, German favoured (not mandatory)</li> <li>✓ Computer skills: MS Office Tools, CAD Workstation AutoCAD, Microstation Bently or similar tool</li> <li>✓ Special skills: Preferable Shortcircuit and Earthing calculation knowledge, MS Project</li> <li>✓ Personal/general skills: Open minded, ability to work in teams, self driven and well motivated</li> <li>✓ Other: Ability to work in multi culture environment</li> </ul>	9 months January 2012 to September 2012

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Abengoa Solar	1	Almería / Spain	International Business Development <a href="http://www.abengoasolar.com">www.abengoasolar.com</a>	<ul style="list-style-type: none"> <li>✓ Scope of activities, department: International business development.</li> <li>✓ Details of the qualifications and skills required: Advanced Office (Excel), VBA programming, Basic statistics</li> <li>✓ Key Responsibilities: Track the proper functioning of weather measurement stations, Ensure the proper functioning of weather data reception and analysis processes, Analyze and process meteorological data measured by stations (DNI, dust, etc.) using several advanced weather monitoring tools.</li> </ul>	<ul style="list-style-type: none"> <li>Intern - Weather measurement stations.</li> <li>✓ Field of study: Electrical engineer (desirable) or IT.</li> <li>✓ Desired degree, university level: preferably Student shall be in his last semester of Master degree</li> <li>✓ Language skills: English is mandatory (C1 or equivalent), Spanish is a plus.</li> <li>✓ Computer skills: Microsoft Office (High level). Programming skills (VBA) is desirable.</li> <li>✓ Personal/general skills: Preference for technically oriented tasks.</li> </ul>	9 months  January 2012 to September 2012

Company	Number of places	Town / Country	Department	Tasks & Responsibilities of the Intern	Required Profile of the Intern	Duration
ACWA Power	1	Riyadh / Saudi Arabia	Technology/ Business Development <a href="http://www.acwapower.com">www.acwapower.com</a>	<ul style="list-style-type: none"> <li>✓ Scope of activities, department: The intern will be part of the technology department. His primary role will be to assist the technology team in their efforts to develop a proprietary model for modeling solar PV and CSP power plants output.</li> <li>✓ Details of the qualifications and Skills required: The intern will need to have an ability to understand and model electrical and thermo dynamic phenomena that exist in a CSP and a PV power plant. Thus the intern should be extremely familiar and comfortable with using Microsoft Excel and other modeling software.</li> </ul>	<ul style="list-style-type: none"> <li>Engineering Intern/ Trainee</li> <li>✓ Field of study: Mechanical Engineer or Electrical Engineer (knowledge in Thermo Dynamics)</li> <li>✓ Desired degree: preferably Student shall be in his last semester of Master degree</li> <li>✓ Language skills: English is mandatory, Arabic would be a plus</li> <li>✓ Computer skills: Excellent skills in excel</li> <li>✓ Special skills: Experience in computer modeling, prior research work in electric energy modeling for power plants is a plus.</li> </ul>	6 months

