



CTO | DEPUTY GENERAL MANAGER RENEWABLE ENERGY

GRADUATE ENGINEER IN MECHATRONICS

Currently working in China | Objective: a leadership role in Singapore

EXPERTISE

- Excellent knowledge in thin film solar technologies (CIGS, CdTe, PSC) and coating technology (fields of application: renewable energies, battery technology, semiconductors, optoelectronics)
- 17 years of international management and working experience (China, Germany, Brazil, Ireland)
- Complete set-up of production sites, plants, systems and processes, technical projects up to USD 11 million per plant
- Fluent German, English, Portuguese, high intercultural competence

WORK EXPERIENCE

2017 – today

A SUPPLIER IN THERMAL EQUIPMENT/PROCESSES | CHINA

CTO | Deputy General Manager

- Full responsibility for production and technical projects, innovation management, strategic purchasing including cost management, business development, warehouse, logistics, after-sales service and staff
- Technical and disciplinary management of up to 20 employees
- Build company with 15-17 Mio € turnover

2010 – 2016

MULTINATIONAL COMPANY (PHOTOVOLTAIC) | GERMANY

Team and Project Lead | Process Engineer

- Process development and production supervision of thin film solar cells based on CIGS technology – up to series production
- Ramping up of process equipment for € 16 Mio project
- Technical and disciplinary management of 10 employees from operators to scientists
- Implementation of new SO

2006 – 2010

STARTUP IN THIN-FILM SOLAR TECHNOLOGY | GERMANY

Development Engineer | Interface to the management

- Responsibility for the planning, set-up and management of the laboratory and the pilot plant for new flexible thin-film solar cells up to mass production readiness
- Collaboration in setting up the personnel structure
- Technical and disciplinary management of 2 laboratory employees

2005 – 2006

A COMPANY IN AUTOMATION TECHNOLOGY | GERMANY

Project and Sales Engineer

- Development, implementation and commissioning of automation projects with industrial image processing
- Technical sales for visual inspection automation system, total achieved revenue approx. € 0,5 Mio

2002 – 2005

AUTOMATION COMPANIES | GERMANY, BRAZIL, IRELAND

Trainee (3 years) and internships

QUALIFICATION PROFILE

Degree	Graduate engineer in mechatronics (German Diplom-Ingenieur FH)
Management and corporate governance	<ul style="list-style-type: none"> International management experience in big corporations, medium-sized companies and startups (more than 5 years CTO, 4 years Deputy General Manager, 13 years Project and Team Leader)
Leadership experience	<ul style="list-style-type: none"> Technical and disciplinary management of up to 20 employees Responsibility for the employees in production and technical projects, innovation management, strategic purchasing, business development, warehouse, logistics, after-sales service and staff
Internationality	<ul style="list-style-type: none"> 7 years in China Further work experience in Brazil, Germany and Ireland
Languages	<ul style="list-style-type: none"> German native English business fluent Portuguese very good Chinese basic
Industries	<ul style="list-style-type: none"> Renewable energy (focus solar) Automation technology (focus industrial image processing, robot vision systems)
Setting up plants, branches, departments	<ul style="list-style-type: none"> Planning and complete set-up of technology producing companies, production sites and plants with procurement of technical experts and staff (build Chinese entity from NL Headquarter to individual company with 15-17 Mio € turnover, in Germany set-up of a pilot plant and laboratory for thin-film solar technology)
Product and Process Engineering	<ul style="list-style-type: none"> Expert for thin film solar technologies (CIGS, CdTe, PSC), able to realise the most advanced technology like Tandem-Solarcells, floating and unconventional solar power Specialist for coating technology (for applications in renewable energy or other industries e. g. automotive, medical technology, semiconductors, optoelectronics etc.) Very good knowledge of materials and their behaviour in production and manufacturing processes Lead and organize the innovation and continuous improvement activities for cost down and technical product development
Project Management	13 years of experience in project management, individual projects of € 11 million
Mobility	Singapore preferred, willingness to travel
Availability	Is negotiable
References	On request

Are you interested in this candidate?

We send you a detailed application.

We work on behalf of the applicant. That's why our service is free of charge for hiring companies and recruitment consultants, even in the event of a successful placement.

If you are interested, please contact us at frankadensam@adensam.de