

**DAAD**

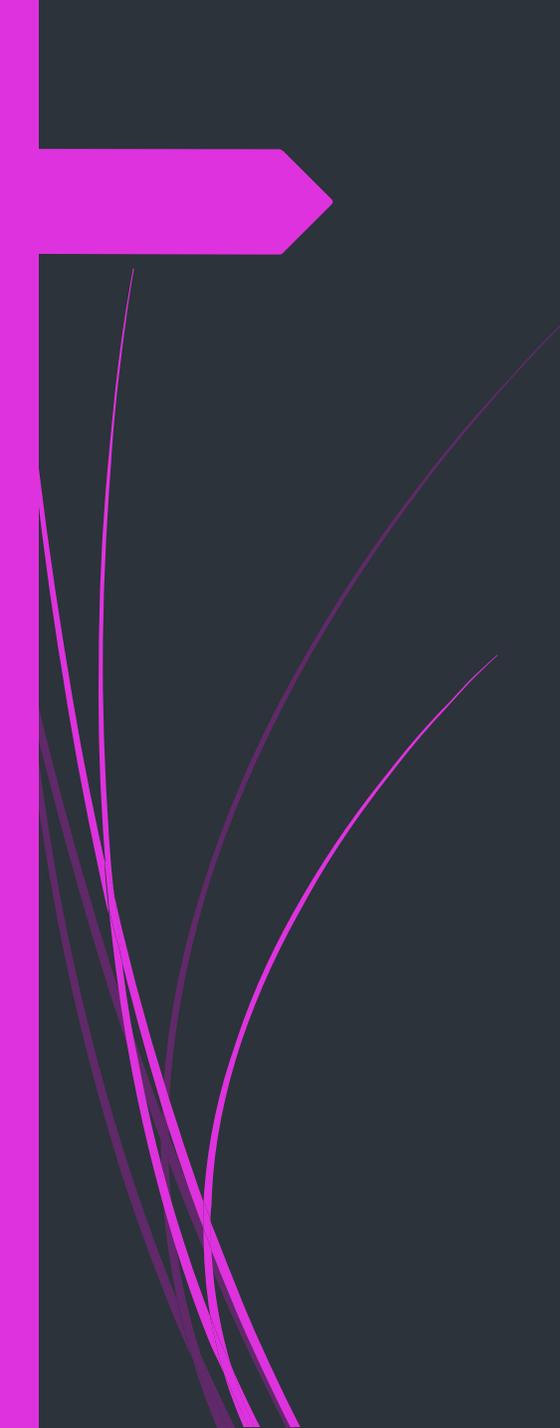
Deutscher Akademischer Austausch Dienst  
German Academic Exchange Service

# **DAAD University-Business- Partnership Projekts**

**Projects between higher education  
institutions and business partners in Germany  
and in developing countries**

# What is the aim of the DAAD partnership programme?

- ▶ University-Business-Partnerships are designed to prepare students for demands of the job market and thereby improve graduates' employment prospects.
- ▶ to intensify the practical relevance of existing study courses
- ▶ to improve the relationship between universities and business partners
- ▶ to teach soft skills required in professional
- ▶ to develop commercial links between German business and the partner countries



Hochschule Wismar, ITS and business partners from Germany and Indonesia applied successful:

*Innovation through Cooperation:  
Encouraging University-Industry Partnership  
starting with Students' Research and  
Development for Small Islands (SRD-SI)*

- CREATING a forum "Understanding the Advantages of Partnership"
- CREATING Students' Research and Development Teams – SR&DT



## CREATING a forum “Understanding the Advantages of Partnership”

- ▶ establishing a forum for helping to understand the advantages of partnership,
- ▶ give good practice of partnership and discussing diversifying opportunities of partnership
- ▶ Show opportunities for university-industry collaboration that are diverse enough to meet the needs of business and universities
- ▶ International exchange of ideas
- ▶ Set up an annual highlight, it should be a conference/workshop with theme “Understanding the Advantages of Partnership”



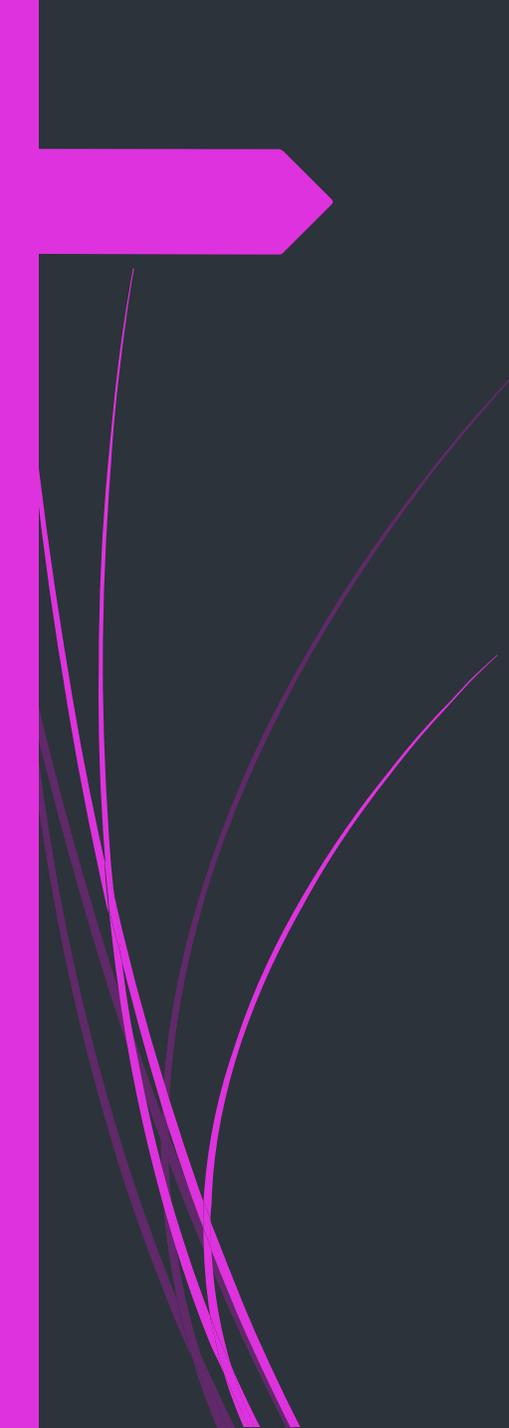
## Students' Research and Development Teams – SR&DT

- ▶ to better meet the requirements of the job market and contribute to economic development through Student Research and Development Teams (SR&DT) at Institut Teknologi Sepuluh Nopember (“ITS”), Surabaya, Indonesia in co-operation with Wismar University and enterprises and industrial organisations
- ▶ to communicate the relevance of the university activities by sharing knowledge with society and by reinforcing the dialogue with all stakeholders
- ▶ focusing less on scientific disciplines and more on research domains (e.g. green energy, water- and wastetechology), associating them more closely with related or complementary fields (including humanities, social sciences, entrepreneurial and management skills) and fostering interaction between student teams through greater mobility between disciplines and sectors



## *Students' Research and Development Teams (SR&DT) - background*

- ▶ Especially small and medium enterprises have often good ideas how to improve their products or processes as well as have new ideas for products and processes. But the “daily job” do not leave time to work enough on it and to bring it to the market.
- ▶ One of the most significant barriers to university – industry partnership is the lack of awareness within the private sector and the academics sector about the benefits of partnering, as well as the mechanism for doing so.
- ▶ Students are very often interested to work on “real life – problems” in real life environments.
- ▶ In many study programmes of ITS is an internship included



## CREATING “Student Research and Development Teams (SR&DT)” at ITS (1)

- ▶ Enterprises delivers ideas for products or processes or service developments (starting with ideas from German enterprises for development of Indonesian islands)
- ▶ ITS and enterprise select jointly for each idea a team of about 5 students from different disciplines/faculties/gender, the so called SR&DT
- ▶ The SR&DT are working together for at least 6 month on the idea to bring it closer to the market
- ▶ The SR&DT are doing their work during their internship or in parallel to their study



## *CREATING “Student Research and Development Teams (SR&DT)” at ITS (2)*

- ▶ Each SR&DT has one supervisor from university and one from enterprise
- ▶ Before and during the work of the SR&DT will be an exchange of experience between the Wismar and ITS staff, between German and Indonesian enterprises
- ▶ During their working period the SR&DT get special training in non-technical skills, e.g. team building, project management, ethics and entrepreneurship
- ▶ Each SR&DT has to document their work and has an public presentation of the results at the end of their project
- ▶ The SR&DT project/course is open to all students of ITS
- ▶ The students get credits for their work



## *CREATING Student Research and Development Teams (SR&DT) for Small Islands*

- ▶ Island Poteran - Island Maratua
- ▶ Start of two teams (one for each island) in June/July 2014
- ▶ Introduction Week in June/July 2014
  - ▶ First part: special training in non-technical skills
  - ▶ Second part: field excursion to the islands
- ▶ Teamwork on the project (minimum 5 month) with supervisors from academia and business
- ▶ Project presentation in October/November and February/March

# Timeframe, Schedule

	2013	2014	2015	2016
Feb/Mar		German Delegation in Surabaya/ Islands	German Delegation in Surabaya/ Islands	German Delegation in Surabaya/ Islands
May/June		Indonisian Delegation in Wismar	Indonisian Delegation in Wismar	Indonisian Delegation in Wismar
June/July		Start SRDT	Start SRDT	Start SRDT
Oct/Nov	Kick-Off	Seminar/ Workshop	Seminar/ Workshop	Seminar/ Workshop