# List of Public R&D

## Public Research

### Germany

**Deutsches Windenergie-Institut GmbH (DEWI)**
Ebertstr. 96
D-26382 Wilhelmshaven
T: +49 (0) 44 21/48 08-0
F: +49 (0) 44 21/48 08-43
E: dewi@dewi.de
W: www.dewi.de
Person to turn to: Dipl.-Ing. J. P. Molly

Measurements: power, wind, power quality, loads, acoustics, SODAR, anemometer-calibration Expertises: Wind resource, wind farm optimisation, Acoustic Prognosis, Audits, Courses, Wind-Diesel

**Instituto Technologico de Canarios, S.A.**
CIF. A-35313170
Playa de Pozo Izquierdo, S/N
E-35119 Santa Lucia - Las Palmas
T: +34 (0) 928/72 75 00
F: +34 (0) 928/72 75 17
E: itc@itccanarias.org
W: www.itccanarias.org

- Research and development in wind energy systems
- Commercial wind energy for water desalination in insolate applicatons
- Technical projects of wind energy systems
- Professional advice

**MARIKO.RIS**
Maritimes Kompetenzzentrum
Weserstr. 2
D-26931 Elsfleth
T: +49 (0) 44 04/92 88-41 30
F: +49 (0) 44 04/92 88-41 31
E: office@mariko-ris.de
W: www.mariko-ris.de
Person to turn to: Herr Martin Köhn

Authority fields: - transfer of technology and knowledge - regional networks - information management - business startup service achievements: Consultation and support, searches and statistic evaluations, marketing and graduation,

conveyance information, personnel transfer, scientist and Referentenvermittung, out -, away and further training.

**Universität Dortmund, FB Bio- und Chemieingenieurwesen, Lehrstuhl Umwelttechnik**
Emil-Figge-Str. 70
D-44221 Dortmund
T: +49 (0) 231/755-23 22
F: +49 (0) 231/755-61 94
E: h.fahlenkamp@bci.uni-dortmund.de
Person to turn to: Prof. Dr.-Ing. Hans Fahlenkamp

At the chair environmental technology concepts for offshore wind parks are developed. A technical optimization can be obtained by use of windturbinen for the offshore use, which quadruples the energy output. An economical optimization with the goal of the cost containment can be reached by coupling of overhead costs to the yields and/or the leases to feeding proceeds and an increase of the safety addition. The technical and economic optimization is supplemented by an imbedding into the national and international promotion possibilities.

**Universität Stuttgart Institut für Aero- und Gasdynamik**
Pfaffenwaldring 21
D-70550 Stuttgart
T: +49 (0) 711/685-34 01
F: +49 (0) 711/685-34 02
E: wagner@iag.uni-stuttgart.de
W: www.iag.uni-stuttgart.de
Person to turn to: Prof. Dr.-Ing. Siegfried Wagner

Aerodynamics, aeroelasticity, aeroacoustics of windturbines, airfoil design, transition research, aerodynamics of aircraft and buildings, CFD and applied fluid mechanics, numerous test facilities.

**Universität Stuttgart Institut für Flugzeugbau, Abt. Windenergie**
Pfaffenwaldring 31
D-70569 Stuttgart
T: +49 (0) 711/685-24 04
F: +49 (0) 711/685-43 36
Mail address: Postfach 80 11 40
D-70550 Stuttgart
W: www.ifb.uni-stuttgart.de/-doerner/
Person to turn to: Dipl.-Ing. Heiner Doerner

Out and further training, GRP components technology, research & development: Wind energy, rotor blade interpretation, rotor blade: GRP components,

Vorlesg./Semi. (HS) Wind energy, wind energy plant draft and interpretation, V/S, out and further training: All problems of the wind power utilization. Research: Wind energy converter draft and interpretation, rotor blade draft (aerodym.), building methods in GRP components technology.

**The Netherlands**

**Energy research Centre of the Netherlands**
Unit ECN Wind Energy
P.O. Box 1
NL-1755 ZG Petten
T: +31 (0) 224/56 41 15
F: +31 (0) 224/56 82 14
E: wind@ecn.nl
W: www.ecn.nl/wind
Person to turn to: H.J.M. Beurskens

50 highly skilled ECN employees carry out research on wind farm design, wind turbine technology (aerodynamics, control, etc.), operating and maintenance of wind farms and on measuring and monitoring of turbines. ECN carries out both industrial research as well as public research for national and international governments, the European Union, bilateral and multi lateral development agencies, and private sector partners.

**Spain**

**Deutsches Windenergie-Institut GmbH**
DEWI, Sucursal en España
Calle Estelle 7, 1°
E-31002 Pamplona
T: +34 (0) 948/20 69-54
F: +34 (0) 948/20 69-67
E: dewi.spain@dewi.es
W: www.dewi.de
Person to turn to: Helmut Herold

Measurements: power, wind, power quality, loads, acoustics, SODAR, anemometer-calibration Expertises: Wind resource, wind farm optimisation, shadow impact, acoustic prognosis, Due Diligence, courses, Wind-Diesel, studies.

**Instituto Technologico de Canarios, S.A.**
CIF. A-35313170
Playa de Pozo Izquierdo, S/N
T: +34 (0) 928/72 75 00
F: +34 (0) 928/72 75 17

E-35119 Santa Lucia - Las Palmas
E: itc@itccanarias.org
W: www.itccanarias.org

- Research and development in wind energy systems
- Commercial wind energy for water desalination in insolate applicatons
- Technical projects of wind energy systems
- Professional advice