



forschung schafft                      wissen schafft wert  
research creates knowledge creates value

The Christian Doppler Research Association promotes cooperation between expert scientists and innovative businesses. The collaboration takes place in Christian Doppler Laboratories and Josef Ressel Centres.

Christian Doppler Laboratories pursue application-oriented basic research at universities or non-university research institutions, while Josef Ressel Centres carry out research in a similar way at universities of applied sciences. In both cases, research ideas come from the private sector. The research groups are established for a limited period and are embedded in their respective academic research environment. The groups have a high degree of scientific freedom and are evaluated on an international level.

The applications for Christian Doppler Laboratories and Josef Ressel Centres are thematically open and can be submitted at any time.



## supportive and challenging

The Christian Doppler Research Association (CDG) funds collaboration between science and business. To this end, research groups are established for up to seven years each at universities, universities of applied sciences and non-university research institutions, which are financed by both the public purse and the companies involved. Young researchers can create a name for themselves in scientific research here, and at the same time gain access to the world of business.

Cooperation requires openness: Scientists work on issues of applied research. Companies accept the conditions of demanding research and commit themselves to long-term involvement.

The goal is to facilitate research that benefits business. The funding models are attractive to companies of every size. The models apply wherever the cooperation between science and business is worthwhile.

The CDG guarantees its research groups the flexibility they need for the specific requirements of both the research area itself and the respective business. Within the course of the research activities, it is even possible to expand the subject matter or to bring additional partners on board.

## versatile and flexible

ECONOMICS, LAW AND  
SOCIAL SCIENCES



## consistent and lasting

The CDG is consistent in its basic principles: The scientific issues, which are researched over several years, originate from within the private sector. The research groups are embedded in their scientific environment and are not legal entities. The researchers are guaranteed sufficient scientific freedom.

The long-term view of the research enables stable research groups to be formed and knowledge with a long half-life to be created. A clear legal framework provides security for all partners.

LIFE SCIENCES  
AND ENVIRONMENT

## excellent and business-oriented

Christian Doppler Laboratories and Josef Ressel Centres are hosts to excellent research. This is ensured by the CDG's proven evaluation model: It draws primarily upon the CDG Scientific Board, made up of highly qualified individuals from the worlds of science and business, as well as upon international external experts.

High-quality research is a source for entrepreneurial innovation. At the same time, the leading edge of knowledge is continually advanced. The companies are then given the proprietary rights to the knowledge developed.

MECHANICAL ENGINEERING  
AND INSTRUMENTATION



## successful and recognised

The principles of the Christian Doppler Research Association are considered far beyond our country's borders as best practice for cooperation between science and business. This has been confirmed in recent years in studies conducted for the European Commission and the OECD as well as by evaluations performed in Austria.

The latest evaluation from 2012 underlines the high level of satisfaction with the funding model among Heads of Laboratories and business leaders: They view the CDG's funding programmes as a unique way to combine basic and industrial research for handling medium and long-term issues.

The level of funding also indicates the uniqueness of the model: With up to 4.9 million Euro over seven years, Christian Doppler Laboratories provide the highest level of funding for individual researchers in Austria.

The funding programmes of the CDG are based on collaboration: In Christian Doppler Laboratories and Josef Ressel Centres, scientists and companies work together to jointly formulate the underlying research topics. Universities, universities of applied sciences and non-university research institutions offer a fertile research environment. Public authorities create a stable legal and financial framework.

The funding programmes are developed in cooperation with all parties involved. In this way, the CDG ensures that all parties benefit: the scientific institutions (currently around 30), the companies (just under 150) and the approximately 700 scientific employees in the research groups.



## cooperative and networked



# brief

## and concise

The funding programmes of the CDG

Josef Ressel Centres		Christian Doppler Laboratories
Application-oriented research on a high level	Focus	Application-oriented basic research on a high level
Universities of applied sciences	Host institutions	Universities and non-university research institutions
5 years	Duration in case of positive evaluation results	7 years
50 % of the fundable expenditure; 60 % for SME involvement (pro rata for the level of involvement)	Public financing	50 % of the fundable expenditure; 60 % for SME involvement (pro rata for the level of involvement)
50 % of the fundable expenditure; 40 % for SME involvement (pro rata for the level of involvement) No in-kind services can be paid.	Private financing	50 % of the fundable expenditure 40 % for SME involvement (pro rata for the level of involvement) No in-kind services can be paid.
EUR 80.000	Min. annual budget	EUR 110.000
EUR 400.000	Max. annual budget	EUR 700.000

# everyone wins

Universities, universities of applied sciences and non-university research institutions

<b>Companies</b>	<ul style="list-style-type: none"> <li>Building up basic knowledge</li> <li>Sustainable competitive advantages from the acceleration and deepening of innovation processes</li> <li>Strategic alliances with the world of science</li> </ul>
<b>Scientists</b>	<ul style="list-style-type: none"> <li>Formation of an individual research group</li> <li>High degree of scientific autonomy</li> <li>Long-term planning with a high degree of flexibility</li> </ul>
<b>Public sector</b>	<ul style="list-style-type: none"> <li>Excellent scientific research</li> <li>Funding the next generation of scientists</li> <li>Close contact with research companies</li> <li>Boosting application-oriented basic research</li> <li>Innovative power and competitiveness for Austrian companies</li> <li>Strengthening the structure of the national innovation system</li> </ul>



CD Laboratories and JR Centres are programmes funded by the Austrian Federal Ministry of Science, Research and Economy.



Public financing is also provided through the Austrian National Foundation for Research, Technology and Development.

Publisher:  
Christian Doppler Forschungsgesellschaft (CDG)  
Boltzmannngasse 20, 1090 Wien, Österreich  
Tel.: +43/1/504 22 05  
e-Mail: [office@cdg.ac.at](mailto:office@cdg.ac.at)  
[www.cdg.ac.at](http://www.cdg.ac.at)

Graphic design/illustration:  
Alexandra Reidinger, [www.elysa.at](http://www.elysa.at)

Printing:  
Riedel Druck, 2214 Auersthal

Vienna, September 2014

[www.cdg.ac.at](http://www.cdg.ac.at)

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