

## What is TECES?

**TECES, Research and Development centre of Electrical Machines,** as a focal point for the industry and institutions of knowledge, integrates enterprises, educational and research institutions of international renown in the fields of electrical machines, actuators, power electronics, drive systems, and mechatronic assemblies.

As a research and development institution, TECES primarily covers the field of research and development, so most forms of collaboration and services are oriented towards:

- ensuring successful execution of research and development services,
- n management and coordination of own and joint projects,
- support and assistance in application to national and international tenders for co-financing investment and development projects,
- organisation and execution of training for staff of TECES' partners' development departments.

# Areas of activity/reasearch and competences

#### **Electric machines and actuators**

- research and development, as well as introduction of innovative concepts of electric machines and actuators,
- development of special software solutions for simultaneous development of electrical machines,
- development of own analytical and numerical methods for designing electrical machines,
- support for introduction of newly-developed solutions into production and
- support for introduction and unification of modern simulation platforms for developing electrical drives.

### **Power electronics**

- research, development and introduction of innovative concepts of power converters for mobile applications, electric and hybrid vehicles, fuel cells...
- the research and development of control algorithms,
- support for introduction of new solutions into manufacture of electronics,
- **t**, support in the introduction and unification of modern technologies in the field of power converters.

#### **Coordination of projects**

- provision of efficient coordination of own and joint projects of TECES members,
- help with the application for different tenders which are in the interest of TECES,
- promotion of TECES, its members and joint activities,
- organisation of educational activities and seminars.

## Forms of partnership at TECES

In terms of more specific collaboration over the longer term and a potential partner's interest in the services of TECES, two forms of partnership are possible:

#### **TECES FOUNDER status**

Recommended for organizations that:

- are primarily active in manufacture of electrical machines, actuators, power electronics, drive systems and mechatronic assemblies;
- are planning major independent investment and development projects for the coming years;
- are planning to execute projects in the coming years for major partners that include current TECES founders and members;
- are planning to draw significant EU or Slovenian funds for co-financing own projects;
- are exceptionally focused on development and manufacture of new products;
- have their own research & development departments;
- wish to cooperate more actively and have an impact on activities under way in Slovenia in the field of electric drive industry, and also influence the development of TECES itself;
- wish to exploit the synergetic effects of joint activities underway among TECES founders and members;
- seek opportunities for permanent access to the high-end R&D infrastructure at TECES;

NOTE: primarily suitable for legal persons based in Slovenia.

#### **TECES MEMBER status**

Recommended for organizations that:

- are active in manufacture or development of electrical machines, actuators, power electronics, drive systems, mechatronic assemblies;
- wish to operate and be perceived in TECES' and its partners' fields of activity as potential suppliers or contractors for specific activities;
- wish to be kept informed of activities under way in Slovenia in the field of electric drives;
- wish to be kept informed of activities and have the opportunity of collaborating in joint projects under the auspices of TECES;
- seek opportunities for permanent or occasional access to the R&D infrastructure at TECES;
- have no sufficient own resources for pursuing specific development activities;
- wish to obtain various Slovenian and EU funds for cofinancing of own projects;
- th do not intend to establish a more specific collaboration, or make an impact in the field of TECES' developmental activities and thus influence its development strategy;

NOTE: also suitable for legal persons based outside Slovenia.

## Who are the founders of TECES?

Enterprises and other business organisations, research and educational institutions that are primarily active in the same fields as TECES, and have an interest in using TECES' services for the purpose of pursuing their activities.



## Why become a TECES member/ founder?

- the to streamline the costs of maintaining own R&D infrastructure and professionally trained staff,
- because of the possibility of more favourable, permanent access to leading-edge R&D infrastructure and professionally and technically highly trained TECES staff,
- because of the possibility to pursue own and joint projects resulting in the marketing of technologically highly demanding and competitive products,
- to exploit the synergetic effects resulting from productive links established with other business entities within TECES,
- the because of more favourable possibilities for unification of tools for simultaneous product development among TECES partners,
- to strengthen collaboration and enhance development activities of TECES founders/members and boost the flow of know-how and information regarding their R&D capabilities,
- because of a greater possibility of obtaining funds by means of joint applications to tenders for co-financing R&D activities and infrastructure through tenders of Slovenian or EU incentives.

## How to obtain the status of TECES partner?

The procedure for integrating interested business entities varies depending on the desired partner status:

#### **4** Procedure for obtaining founder status

- an entity wishing to become a founder of TECES (hereafter »Institute«) must submit to the Institute a written application for obtaining the status of TECES founder. The written application must be accompanied by a brief presentation of the applicant's activities, the profit and loss account and balance sheet for the past five years;
- **2. the application for obtaining founder status**, including the attachment, shall be considered and voted upon by the Board of the TECES Institute;
  - o in case the Institute Board gives its consent for the accession of a new founder, the new founder concludes a special accession agreement with the Institute,
  - o in case the Institute Board refuses to give its consent for the accession of a new founder, the application is refused with a suitable explanation. The Institute Board may also declare whether it upholds the membership of the interested entity in the Institute.
- **3.** in case the consent has been given and an accession agreement signed with the new founder, the existing founders must sign an annex to the Founding Agreement of the Institute for this change to take effect in the court register. The required changes to the Statute of the Institute are adopted as well. (due to the lengthy procedure, the said acts are adopted or amended up to twice a year).

### t, Procedure for obtaining TECES member status

- an entity wishing to become a member of the Institute must submit to the Institute an accession statement stipulating its rights and obligations. The accession statement must be accompanied by a brief presentation of the applicant's activities and the profit and loss account for the past three years;
- **2. the accession statement for membership,** including the attachment, shall be considered and voted upon by the Board of the TECES Institute;
  - o on the day the consent for accession is issued by the Institute Board, the interested entity is awarded member status;
  - o in case the Institute Board refuses to issue consent for the accession of a new member, the accession statement is refused with a suitable explanation.

Detailed information about forms of partnership and all needed forms are available on the TECES information portal http://www.teces.si

## Overview of the rights, benefits and obligations of TECES founders and members

Rights and benefits	Founder	Member			
Statutory rights					
Representative in the Institute Board and voting rights	$\checkmark$				
Influence on the Institute's development and orientation	$\checkmark$				
Right to be informed of the Institute's business operations	$\checkmark$				
Right to use a registered brand/service or other name	$\checkmark$				
Discount for services					
Discount for TECES' R&D services	up to 15%	up to 5%			
Discount for training and education pro- vided and organised by TECES	up to 15%	up to 10%			
Other discounts for various activities un- der the auspices of TECES (joint procure- ment of hardware or software, visits)	$\checkmark$	$\checkmark$			
Research and development infrastructure					
Possibility of more favourable use of TECES' existing R&D infrastructure	$\checkmark$				
Possibility of more favourable use of soft- ware for simultaneous development	$\checkmark$				
Possibility of using the results of part- ners' joint projects	$\checkmark$	$\checkmark$			
Joint activities					
Priority in securing, or collaborating in, assignments, before other interested entities are involved	before non- founders and members	before non- members			
Possibility of joint applications to tenders for co-financing R&D activities and infrastructure through state, European √ or other tenders, and Slovenian or EU incentives		$\checkmark$			
Possibility of collaboration in joint promo- tional activities	$\checkmark$	$\checkmark$			
Mediation regarding enquiries from, and establishing contacts with, domestic and foreign business or other associations	$\checkmark$	$\checkmark$			
Information and presentation on the TECES portal					
Integration and brief presentation of a partner on the TECES portal	$\checkmark$	$\checkmark$			
E-notification with the latest information from TECES' fields of activity	$\checkmark$	$\checkmark$			
Availability of the e-notification system for registered users of TECES information portals (tenders, events, notifications, inquiries)	$\checkmark$	$\checkmark$			

Obligations		Annual contribution Membership fee	Entry fee
Founder		1.500 €	3.000 €
Member res sm min	large and medium- sized enterprises	500€	/
	research institutions, small and microenter- prises	100 €	/

All amounts are without VAT More details on http://www.teces.si



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