

SEMINARIO REINO UNIDO ALIANZA DEL PACIFICO

PANEL PLENARIO 2: DEL CONOCIEMIENTO A LA INNOVACIÓN: PERSPECTIVAS DE LA EDUCACIÓN SUPERIOR Y LIDERES EMPRESARIALES.

5 CAMPUS IN CHILE



Valparaíso



Concepción



Vitacura



Viña del Mar



San Joaquín













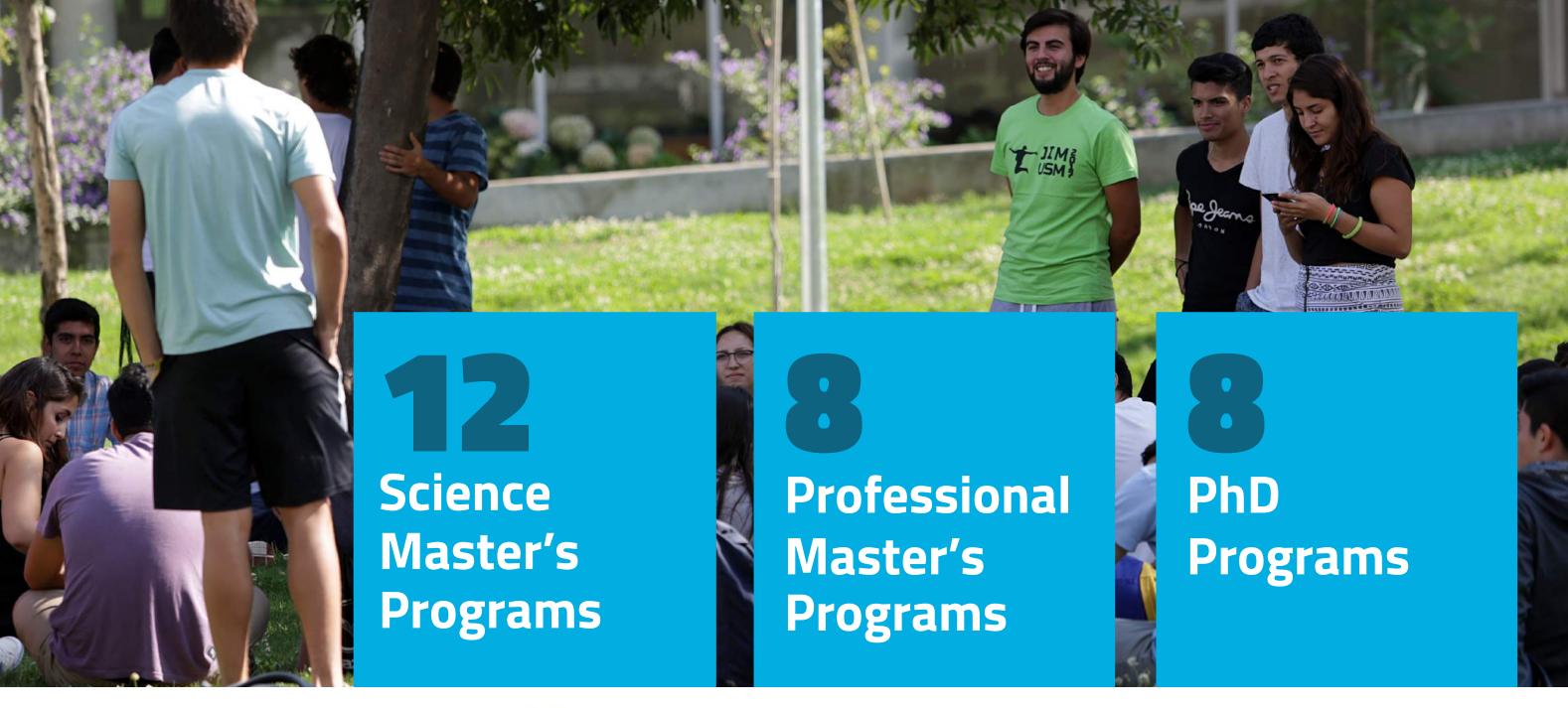


















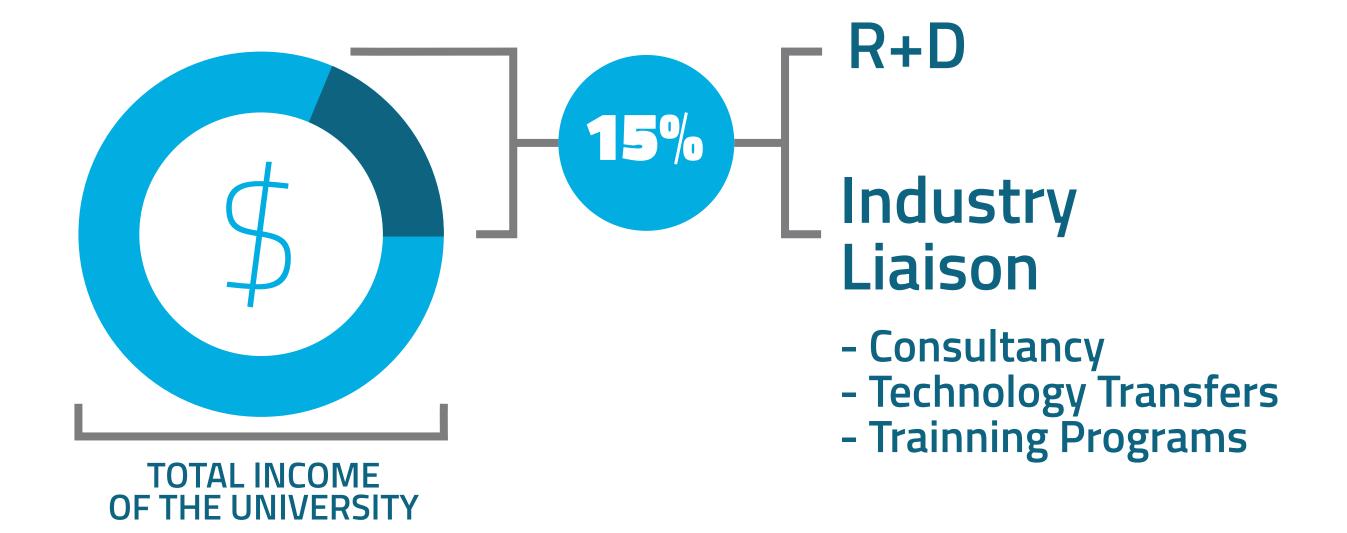
INNOVATION STRUCTURE

Institute/project	Funding
3iE	CORFO
The clover 2030 Enginnering Strategy, Pillar 1 and 5	CORFO
Management of Research and innovation Projects (DPII)	USM
AC3E	CONICYT
CCTVal	CONICYT
PMI InES	Mineduc















INNOVATION EXAMPLES



ALLENGES The industry does Improve and Establish a more strengthen push and effective and not develop pull innovation based innovation (but it collaborative in the requirements of **University-Industry** consumes it), nor relationship. gives priority to the industry. working with universities to provide or develop innovation according to their priorities.







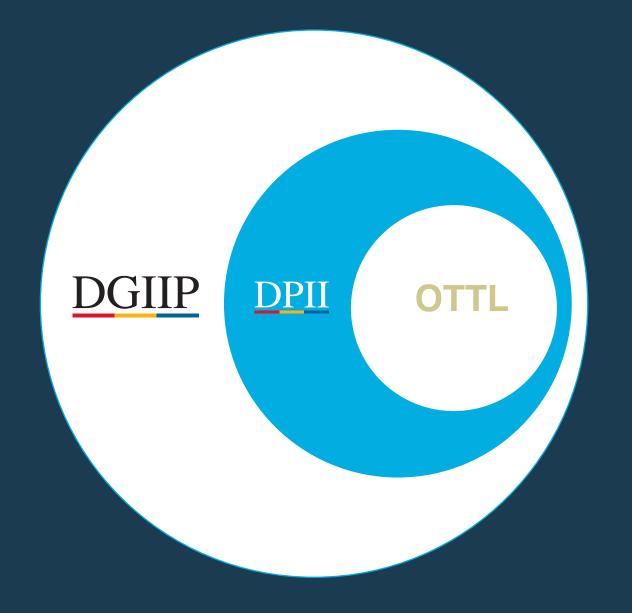








Institutional Commitment

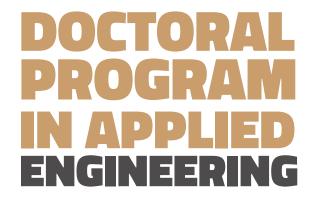












Dirección de Postgrado y Programas

THE CLOVER



AN ENGINE TO SURF THE WAVES FOR CHILE'S DEVELOPMENT

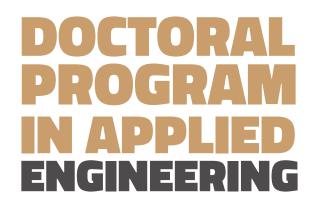
This new doctoral program is rooted in four basic concepts:

- -The outcomes of every single thesis work must have a balance between companies« and university« requirements;
- -All research and technological developments must have a multidisciplinary approach in different fields of engineering
- -The doctoral program must be recognized as a world class program
- -The students are required to start their thesis work at the beginning of the academic program.











Elective Graduate courses.

Dirección de Postgrado y Programas



AN ENGINE TO SURF THE WAVES FOR **CHILE'S DEVELOPMENT**







COMPANIES THAT INTENTO TO PARTICIPATE

DOCTORAL PROGRAM IN APPLIED ENGINEERING

Dirección de Postgrado y Programas











THE CLOVER



AN ENGINE TO SURF THE WAVES FOR

OBJECTIVES

- Enhance and promote in students entrepreneurship and innovation skills, along with other transversal competences that are fundamental for their future.
- Promote, generate and strengthen the University Business Government link.
- Promote the development of products and services with high technological impact at national and international level.
- Facilitate the opportunity for all students to generate their own entrepreneurship from the development of a technology related product or service with low risk.
- Promote a turning point in the seal of the UTFSM student, moving to a profile with new opportunities of development, either at the professional or business level, without reducing the technical skills characteristic of the student of this University.









THE CLOVER

20**30** ENGINEERING STRATEGY

AN ENGINE TO SURF THE WAVES FOR **CHILE'S DEVELOPMENT**











How can we build work scenarios or digital entertainment through applications that work together by coordinating two or more devices simultaneously?





Use of delictual information delivered by users to improve security services offer



AN ENGINE TO SURF THE WAVES FOR

CHILE'S DEVELOPMENT





How can we identify basic service meters that are measuring poorly in a way that allows utility companies to reduce their losses by unregistered consumption?



Obtaining information in real time and delivering information to user against events affecting the use of the system









OBJECTIVES

Support to the development of technological solutions to revolutionize industry.

Counseling of enterprises in early and advanced stages promoting entrepreneurship and innovation.

Dynamic net of entrepreneurs, mentors and strategic allies in pursuit of the best strategies for the new ventures.











+23
COMPANIES
HAVE PARTICIPADED

+2.000
APPLICATIONS
SUBMITTED

+17
INNOVATION
CHALLENGES

5 EDITIONS CHILE & PERÚ

- + CO-INNOVATION
- **+ VALUE CREATION**
- **+ AGILE PROTOTYPING**









MISSION

To contribute to the technological development and competitiveness of the Chilean economy by achieving excellence in RESEARCH, forming advanced human resources, and fostering INNOVATION and TECHNOLOGY TRANSFER in areas of societal and industrial impact through the field of ELECTRICAL AND ELECTRONICS engineering

OPPORTUNITIES



There are niches that are not attractive for large corporations



Local companies are learning that investing in technology increases their competitiveness



Large companies require local insight and networking to develop technology for emerging applications and markets in the region



Research and development are the basic ingredients to foster a technological industry based on knowledge and innovation

















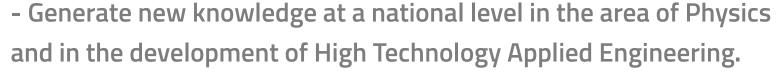








OBJECTIVES



- Constant training of specialists in the areas of: Theoretical Physics of Particles, High Energy Experimental Physics, Electronics, Computer Science and Computing.
- Develop technological innovation projects that positively impact the society and industry of the country.
- To fulfill the commitment of global collaboration, strengthening the links between Chile and other research centers.
- Encourage entrepreneurship through interdisciplinary projects that seek to improve the productive capacity of national industries.









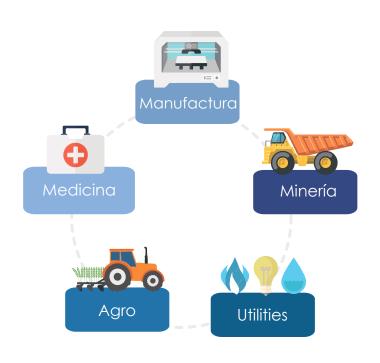




Laboratory Model



Focus



Ing. Mecánica

Ing. Industrias

Software

Simulación



Val)

IIoT Lab





