An aerial photograph of a modern, multi-story brick building with a courtyard area featuring tables and umbrellas. A road with cars is visible in the foreground. The sky is overcast with some light clouds.

A PLATFORM FOR INNOVATION AND ENTREPRENEURSHIP

UVG, THE PLACE WHERE YOU BUILD WHAT YOU DREAM

CIT

CENTRO
DE INNOVACIÓN
& TECNOLOGÍA

UVG

UNIVERSIDAD
DEL VALLE
DE GUATEMALA



A VEHICLE TO POTENTIATE THE ECOSYSTEM



UVG's aim is to conform an innovation ecosystem where different actors interact to define problems based on society's and user's demands and together create local solutions adequate to the country.

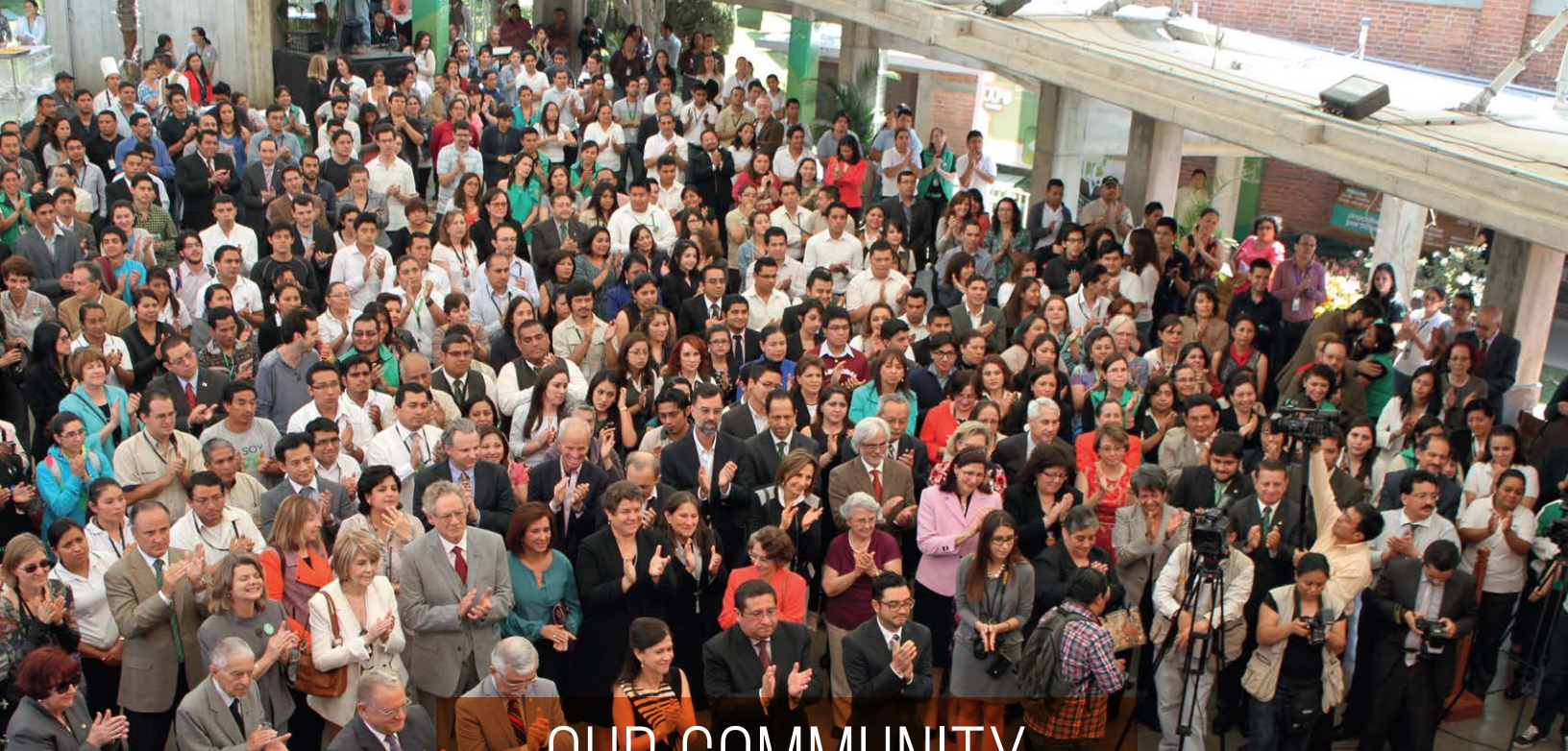
To achieve this, it is indispensable to have a highly qualified human resource who, with the help of pertinent academic programs, adequate infrastructure and the necessary services (such as entrepreneurship centers and an office of technological transfer) can put science and technology at the service of society by means of technologic, artistic, business and social innovation.

After several years of innovating our teaching methods, we are ready to present our most ambitious infrastructure project: **The Center for Innovation and Technology.**

This center is part of UVG's value proposal: that talented persons may, with formation, infrastructure, services and adequate programs, potentiate economic and social development based on science and technology.


This center will promote dialogue and collaboration among academic and private sectors, community and the civil society, creating a culture of innovation and entrepreneurship that will impel Guatemala to the realities of the 21st century and to an economy based on knowledge.





OUR COMMUNITY

WE ARE PIONEERS AND PART OF A COMMUNITY COMMITTED WITH THE COUNTRY



**CENTER FOR
INNOVATION AND
ENTREPRENEURSHIP**

U
V
G

The Center for Innovation and Technology of Universidad del Valle de Guatemala-CIT-is the place where Guatemalans will find a vibrant environment for students, educators, researchers and industry will connect and collaborate.

The space is designed to promote an innovative spirit and entrepreneurship on the campus and in the Central American region.

We wish to create an ecosystem of innovation where solidly founded and validated social, technological, artistic and business start-ups and research projects will proliferate, as well as innovative teaching methodologies.

CIT, which will house the ecosystem where innovation and entrepreneurship will take place in Guatemala, will have 7 levels for teaching spaces plus 4 levels of underground parking.

Its design was entrusted to two prestigious firms: Six Architects and DARCON.

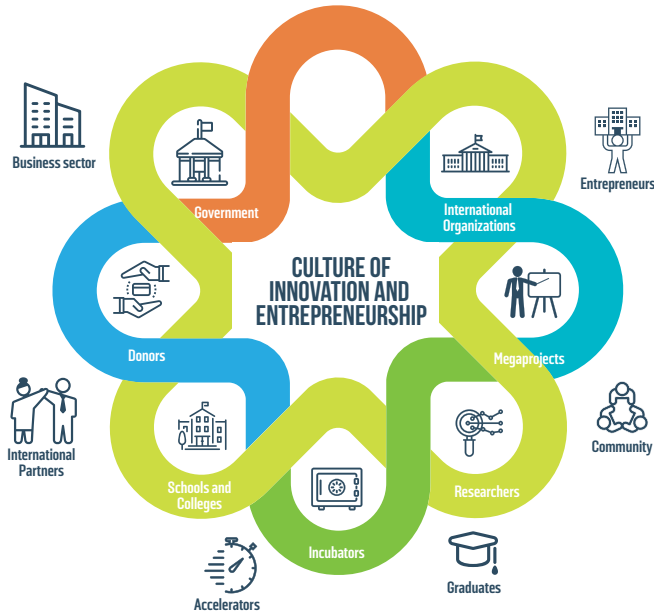
Its infrastructure, located in the Central Campus of UVG in zone 15 of Guatemala City, will occupy more than 55,000 square meters of useful construction and have capacity for 4,000 persons.

DID YOU KNOW



**In 2018, the first stone was placed,
officially starting construction
of the CIT.**

CULTURE AND IMPACT OF THE CENTER FOR INNOVATION AND ENTREPRENEURSHIP (CIT)



CIT UVG will be an ecosystem of innovation, technology and entrepreneurship.

- Our vision is to form agents of change who will impact society by means of educational and research activities centered on sciences and technologies.
- Connections with other members of the ecosystem: government, entrepreneurs, business sector, alumni, donors, international organizations, among others.
- Open spaces where enterprises and other actors can develop prototypes with the participation of students, teachers and researchers.
- Support ecosystem for entrepreneurs.
- Offices of technological, social and business transfer.



CIT
CENTRO
DE INNOVACIÓN
& TECNOLOGÍA

PIONEERS IN MAKERSPACES, LEARNING AND INNOVATIVE METHODOLOGY PROCESSES

Universidad del Valle de Guatemala is a pioneer in makerspaces.

These are collaborative spaces to create, learn, explore and share which utilize manual tools and high technology which additionally strengthen communities. They are spaces open to creative and enterprising persons.

Innovation and entrepreneurship are promoted by the maker culture: learn by doing. The UVG CIT will offer facilities for the learning and innovative methodology process.



LAST GENERATION
LABORATORIES



SPACES
FOR NETWORKING



MAKERSPACES
HACKERSPACES



SPACES FOR
EDUCATIONAL
INNOVATION



LIBRARY
AND RESEARCH HUB



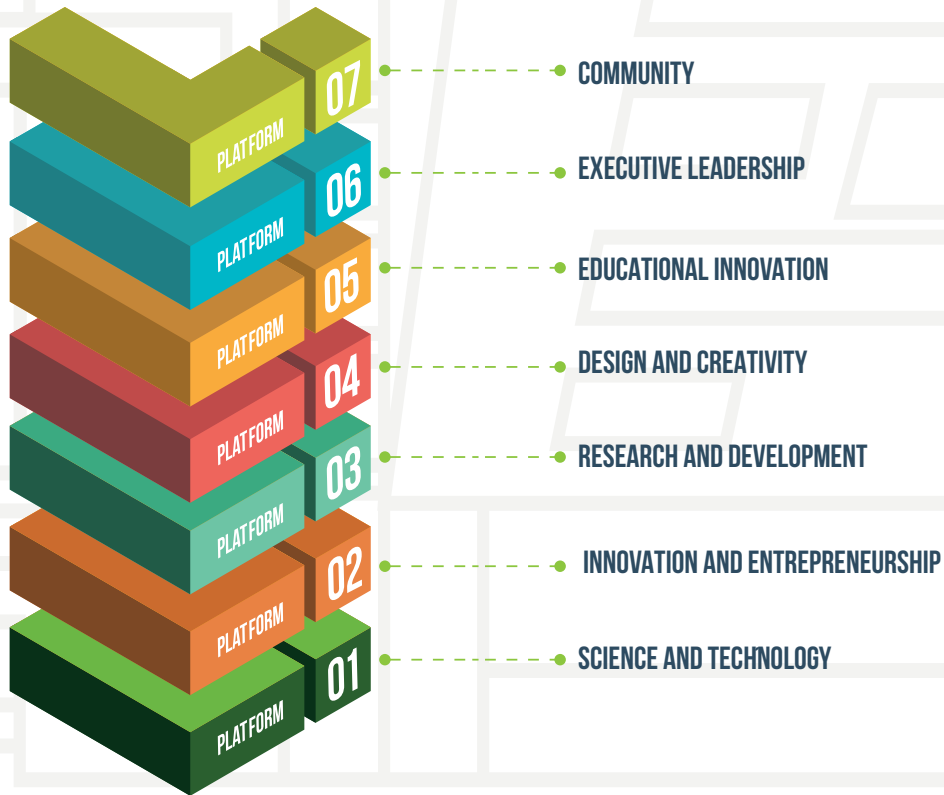
NEW SPACES
FOR DESIGN
AND CREATIVITY



CENTERS FOR
ENTREPRENEURSHIP
AND TECHNOLOGICAL
TRANSFER



INTELLIGENT AND INTERACTIVE SPACES

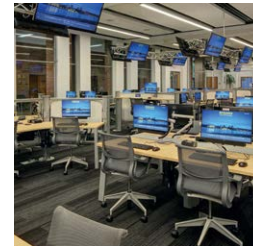




SCIENCE AND TECHNOLOGY

LEVEL 1

- **STEM Laboratories**
 - Center for advanced manufacturing
 - Laboratory of mechanical design and metallurgy
 - Laboratory of hydraulics and civil engineering
 - Laboratory of energetic sustainability
 - Laboratory of innovation in bioindustrial processes
 - Laboratory of industrial automation
 - Laboratory of advanced telecommunications
 - Laboratory of micro-nano electronic design
 - Robotics laboratory
 - Plant for food and nutritional innovation
- **Academic Makerspace**





INNOVATION AND ENTREPRENEURSHIP

LEVEL 2

- Networking classroom
- Flexspace
- **STEM Laboratories**
- Laboratories of methods and processes
- Laboratories of business intelligence
- Classroom for business innovation

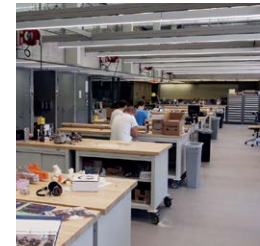




RESEARCH AND DEVELOPMENT

LEVEL 3

- Social innovation Lab
- Classroom for audiovisual communication
- Collaborative spaces
- Co-work Space
- Makerspace for Projects and Community
- Makerspace STEAM
- Laboratory for Educational Innovation
- Library
- Research HUB

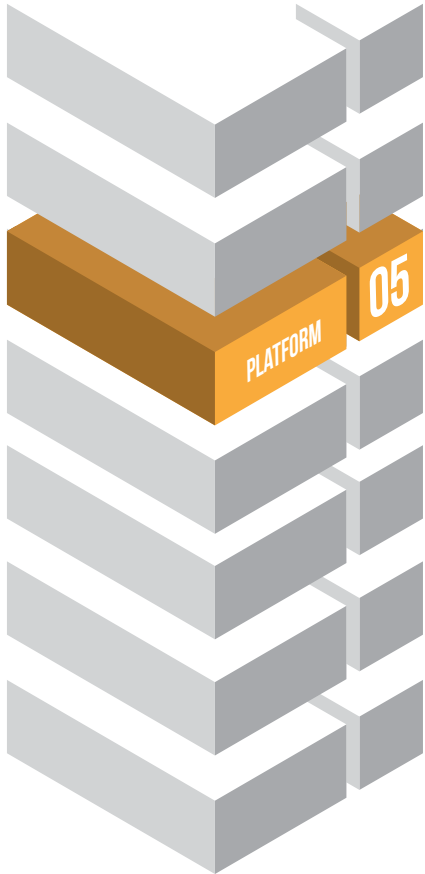




DESIGN AND CREATIVITY **LEVEL 4**

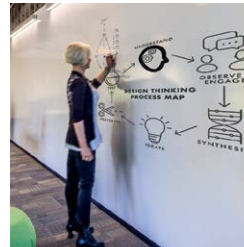
- Laboratories for interactive design, videogames and audiovisual production
- Studio for audiovisual recording
- Classroom for creativity and design
- Coder Dojo and Hacker Space
- Observation Chamber





EDUCATIONAL INNOVATION **LEVEL 5**

- Classrooms for Active Learning
- Socratic Classrooms
- Classrooms for Design Thinking
- TEAL Classrooms
- Auditoriums





EXECUTIVE LEADERSHIP

LEVEL 6

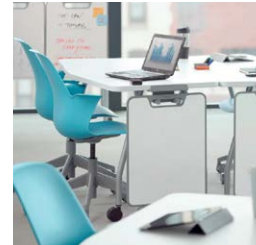
- Executive Classrooms
- Classrooms for Design Thinking
- Teachers' Room
- Entrepreneurship Center
- Office for Technological Transfer





COMMUNITY LEVEL 7

- Observatory and Metereological Station
- Reception Room
- Cafeteria
- Auditorium



SMART AND EFFICIENT DESIGN

CIT is designed to maximize its efficiency and diminish its environmental impact, architecture which permits best use of natural light and ventilation, minimizing the use of energy, better utilization of water and solar panels. It will have the most recent domotics (Smart illumination).

It contemplates the optimal use of green spaces friendly to the environment. It will have an innovative system in wireless connectivity, automatic system and central console for security.

Rain water

Efficient systems for collection.

Green Architecture

We considered green spaces friendly to the environment.

Natural Ventilation

We have the best advisors in wind collection.

Position of the sun

At 25 degrees South, it is in the ideal location for a fresh environment.

Access for persons with special needs

Access ramps, signals in parking lots, special bathrooms.



CIT

CENTRO
DE INNOVACIÓN
& TECNOLOGÍA

We invite you to contribute to the development of innovation and technology in Guatemala.

Banco Industrial # 027-046594-8 (Quetzales)

Banco Industrial # 027-078792-9 (Dollars)

Or you may also get in touch with our Development Team for other forms of giving to the Project:

info@fuvg.org.gt

For general information, please get in touch with
comunicacioncit@uvg.edu.gt



CIT

CENTRO
DE INNOVACIÓN
& TECNOLOGÍA

UVG

UNIVERSIDAD
DEL VALLE
DE GUATEMALA