

Institutional Presentation

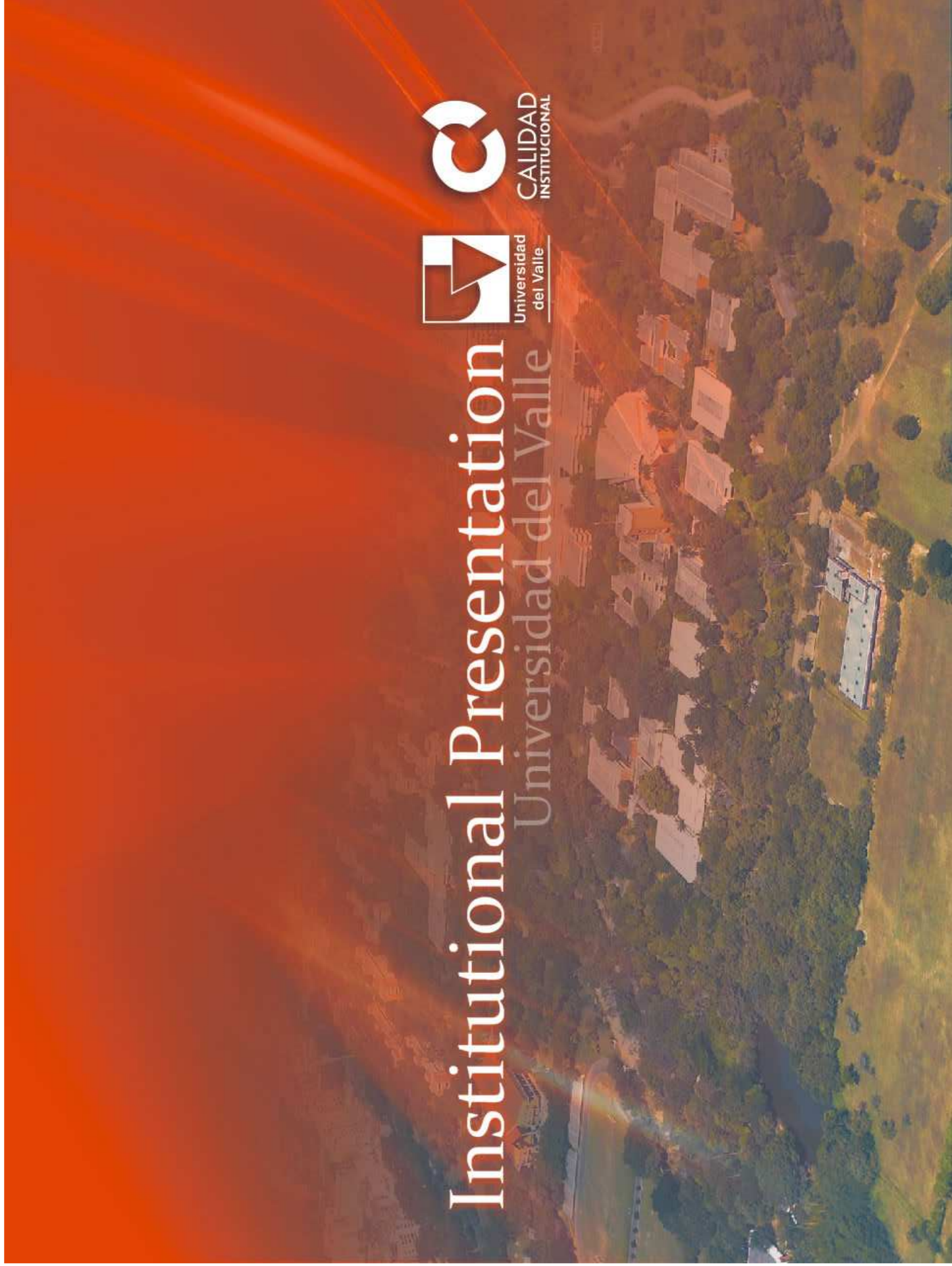
Universidad del Valle



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INSTITUCIONAL





Location



**Universidad
del Valle**
1945 – 2010

65 years of excellence



State of
Valle del Cauca

Cali

Pacific Ocean



Colombia

South America

- Public state-supported university established in 1945
- The Colombian Ministry of Education has granted the Universidad del Valle Institutional Accreditation for 8 years (2005 - 2013), recognizing its high academic standards.



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UniValle Data

Campus Area: 1.040.000 M2 - 104 h.

Source: Office of Institutional Planning & Development

Professors: 1183 (Dec. 31, 2009)

Full time: 783

Teaching Hours: 400

27% holds a doctoral degree, 42% a master's degree, 21% a specialization degree.

Students: 29217 (Jan. 17, 2010)

Undergraduate: 26321

Graduate: 2896

Staff: 1.772 (Dec. 31, 2009)

Budget: USD 167.626 Million (2009)

Regionalization: 4 Regional Branches in 9 middle-sized cities



Academic Offer

7 Schools

Integrated Arts
Administrative Sciences
Exact and Natural Sciences
Engineering
Health
Humanities
Social Science and Economics

2 Institutes

Education and Pedagogy
Psychology

10 Doctoral degrees

Administration
Biological Sciences
Physical Sciences
Chemical Sciences
Psychology
Mathematical Sciences
Environmental Sciences
Humanities
Education
Engineering



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Research

Budget: USD\$ 6.9 million (2009)

143 Research groups
282 Research Projects
6 Research Centers
4 Research Institutes

Highlights Topics

- Advanced Processes in Chemical and Biological Treatments
- Power and High Voltage
- Immunology
- Primary Mammalian Cell Crops, Isolation of Pancreatic Islets, Bank of Artificial skin



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Research

- **Novel Materials** - Advanced Materials and Nanotechnology
- **CINARA** - Water supply, sanitation and conservation of water Resources
- **CISALVA** - Preventing violence and promoting social co-existence
- **CIDSE** - Labor economy and labor sociology, society, history, and culture, migration, urbanization and the identity of Afro-Colombian people, growth and economic development
- **Foresight, Innovation and Knowledge Management**



EM - ECW

ERASMUS MUNDUS EXTERNAL COOPERATION WINDOWS



EUROPEAN COMMISSION



C-----
OC-----
LO-----
OSP-----
MTAE-----
BANUN-----
I-ARE-----
ARMOT-----
-IAPW-----
-C-EO-----
-A-AR-----
---NK-----

• Management	200.000,- €
• Fellowships	2.043.900,- €
• Mobility	360.000,- €
• Fees	225.000,- €
• Health Ins.	18.575,- €
TOTAL	2.947.475,- €



Facts so far

FROM COLOMBIA	Number of scholarships	Number of applications (without validation)
Undergrad.	TG 1 & 3 32	TG 1 & 3 579
Master	TG 1, 2 & 3 32	TG 1,2 & 3 120
Doctorate	TG 1, 2 & 3 14	TG 1, 2 & 3 25
Post Doctorate	TG 1, 2 & 3 9	TG 1, 2 & 3 5
Academic Staff	TG 1, 2 & 3 3	TG 1, 2 & 3 18

From Europe:

136 applications with 336 possible university options.

112 options to Colombian Universities.

But!! Colombia is the 66% of the EM Consortium in LA.



Alfa Projects

- *Alfa II: 2000 - 2006*
 1. *NICRON*
 2. *SELF - RULE*
 3. *WETnet (B)*
- *Alfa III: 2007 - 2013*
 1. *TELESCOPI*





Alfa Projects

1. NICRON

Fault-Tolerant System Design and Verification for Safety-Critical Applications Built from Advanced Integrated Circuits

CO: Institut National Polytechnique de Grenoble - FRA

EU

- University of Plymouth UK
- Högskolan Dalarna, Falun SE
- Politecnico di Torino IT
- Instituto Superior Técnico PT
- Ecole Nationale Supérieure d'Electronique, Informatique et Radiocommunications FR
- Universidad de Sevilla ES

LA

- Univ. Federal do Rio Grande do Sul BR
- Inst. Nac. de Tecnología Industrial AR
- Universidad del Valle CO
- Pont. Univ. Católica de Perú PE
- Universidad de la República UY
- Instituto Nacional de Astrofísica, Óptica y Electrónica MX



Alfa Projects

2. SELF - RULE

Strategic European and Latin American Foresight for
Research and University Learning Exchange

CO: Universidad Nacional Experimental Francisco de
Miranda - VE

EU

- Press Institute of The University of Manchester UK
- Universidad de Alicante ES
- Turku University FI
- Dublin Institute of Technology IE

LA

- Universidad Nacional Experimental Politécnica de la Fuerza Armada VE
- Universidad de Lima PE
- Universidad Nacional de Ingeniería PE
- Universidad Nacional Agraria La Molina PE
- Pontificia Universidad Católica del Peru PE
- Universidade Federal do Rio de Janeiro BR
- Universidad del Valle CO



Alfa Projects

3. WETnet: Water Education and Training Network
CO: Universidad del Valle and International Institute for Infrastructural, Hydraulic and Environmental Engineering IHE, Delft - NL

EU

- Università degli Stuid di Pavia IT
- Ecole Nationale des Ponts et Chaussées
- FR
- University of Leeds UK
- Università di Brescia IT
- Universitëit Gent BE

LA

- Univ. Nacional Agraria La Molina PE
- Centro Panam. de Ingeniería Sanitaria y Ciencias del Medio Ambiente PE
- ITESM, MX
- Universidad Nacional de Ingeniería NI
- Universidad de Cuenca EC

Two complementary networks A & B: (A) Design of modules based on offer and demand; (B) Mobility and capacitation



Alfa Projects

4. TELESCOPI S: Observatories' Network on Best Practices for the Strategic Management in Latin America and Europe
CO: Universidad Polit cnica de Catalu na SPAIN
<http://telescopi.upc.edu/>

EU: (5)

- Katkolieke Universiteit Leuven BE
- Universidad de Barcelona SP
- Vilnius Gedeminas Technical University
- LITH
- Instituto Superior de Ingenieria de Lisboa PO

LA:(19)

- 1 Argentina
- 1 Bolivia
- 1 Brasil
- 3 Chile
- 4 Colombia
- 1 Costa Rica
- 1 Ecuador
- 1 El Salvador
- 1 Mexico
- 2 Panama
- 1 Peru
- 1 Uruguay
- 1 venezuela



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A photograph of a diverse group of young people, likely students, sitting and standing together, smiling and looking towards the camera.

WETnet Goals

To increase capacities in the region for integrated water resources management and improve access to water and sanitation for the population of Latin America, enabling equity in health and development opportunities.

The specific objectives were:

1. Increasing skills of young professionals and updating of high level professionals of the network's member institutions
2. Contribute to the strengthening of the research capacity



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WETnet Output's

- Participation in the international bi-annual congress “Agua 2005-2007”
- Documentation Units specialized in the subject of Latin America and other regions with specific bibliography have been established.
- Symbiosis with other projects like: the relation IHE - UNESCO, approach of the 6FP SWITCH, mobility of a Mater's student at the University of Gent
- Visit of Prof. Duncan Mara from the University of Leeds-England to UniValle in a sub regional event.
- The Universidad del Valle has positioned itself as an expert university in the subject of water and environment sanitation in Latin America.



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A background image showing a group of diverse people, possibly students or community members, gathered together. The image is partially obscured by the slide's header and content boxes.

WETnet Output's

- Triangulation of projects of cooperation in Guatemala and Costa Rica.
- Intercultural knowledge in relation to the usage of water as natural resource in the different countries of Latin America.
- 9 foreign students of the region have been received to the Master in Sanitary Engineering of the Universidad del Valle.
- Strengthening of the Investigation Groups and establishment of formal networks.
- A culture of reporting results and executing evaluations has been created.



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WETnet

obstacles to overcome

- Communication is a weak point, especially for Latin American partners, due to a lack of foreign languages skills.
- The proposal was presented in 2002 and approved in 2005. When the project started, the situation was different: the contact persons were different and the students had begun Masters in other institutions.
- Practically the coordination had to present the initiative from the beginning, especially in Latin America.
- The persons with whom the project was agreed, were not given priority, neither leadership was showed.



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WETnet

obstacles to overcome

- Some partners did not apply the concept of co-funding which leads to mayor efforts made by a few partners.
- The international auditors took a lot of time in presenting reports consequently, it took a lot of time to transfer the financial funds from de EC that were needed for the beginning of the next year.
- The final phase was very difficult because the administrative contact persons or responsible for the activities did not properly organize the reports of the administrative and financial results.
- Travel expenses related to the mobility were very low.



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A background image showing a group of diverse people, including students and professionals, in a social setting.

WETnet Lessons Learned

- Respect for individual and institutional identity = Needs and Knowledge.
- Horizontal relationship between Colombia and European Partners as a good practice.
- Working for further regional experiences.
- Interdisciplinary view of the participants to address the topics.
- The recognition of cultural diversity: Both Regional and Sub-regional.
- It is very complicated to manage a large number of institutions.
- Previous personal or institutional links are important, it provides a basis for interpersonal trust.



Welcome to Latin America!

Universidad del Valle

*Academic, scientific and cultural
patrimony of Valle del Cauca and
Colombia's Southwest*

<http://www.univalle.edu.co>

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Cali - Colombia