A COLLABORATION FOR A SUSTAINABLE FUTURE BETWEEN CHILE AND CALIFORNIA

The Chile-California Council is an international non-profit organization that promotes mutually beneficial relationships and knowledge sharing between Chile and California in both the private and public sectors.

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LETTER FROM AMBASSADOR VALDÉS

The New Strategic Relationship between Chile and the United States

Bi-lateral relations between Chile and the United States are witnessing one of the best moments in history for both nations. Both governments share a common vision of the challenges of economic development and democracy. Whether we are facing the issues of global warming, terrorist threats, the challenges to a functioning political democracy or the dangers that inequality generates for social and economic stability, Washington and Santiago see the world similarly. The dialogue is fluid and the trust is mutual.

This facilitates our foreign policy process, and encourages other dynamics of integration between our two countries. For those policies still in an initial state, the government can take advantage of the momentum of the existing agreements with yet unexplored potential. Other new policies should be encouraged from the outset incorporating non-state actors in joint efforts with the government. Both alternatives possess two special characteristics, the first being that they exceed the realm of government relations and are essentially agreements made between private entities established by universities, scientists, innovators, artists and business people in both territories. The second important characteristic is that it establishes a link with the US on a local, regional, and subnational level, linking Chile to specific American states, and those states with regions in Chile.

These are the new strategic relations with the United States. Those that permit Chile to link their developmental

policies with the extraordinary creativity of the North American society. The state provides institutional structures that facilitate personal ties and highlights the virtuous cycle essential to the growth of American society that is the interaction between regional and local governments, universities, and scientific knowledge and businesses and their investments and innovations in and for the local community. Trying to incorporate this kind of logic into regional Chilean development is not an easy task. We need to overcome cultural ills that inhibit us from tolerating the plurality that makes up a local community. It is nevertheless an indispensable transformation for Chile, and the exposure of the Chilean social and political actors to these aspects of The United States alone is contribution enough. It is on this basis of mutual cooperation, more than any other economic ideology, do we achieve viable economic development. Today Chile counts two partnership programs with the United States.

The Chile-California Plan, inaugurated by President Michelle Bachelet during her first presidential term, and the Chile-Massachusetts Program. These agreements concentrate on the necessity to give impetus to scientific discovery, technology transfer, university development and innovation. The Chile-California Program drives projects in areas such as environment and energy, innovation and entrepreneurship and strengthens the relationship between universities in Chile and California.

> **JUAN GABRIEL VALDÉS SOUBLETTE** Chilean Ambassador to the United States.

We are a contemporary non-profit organization working in the realm of relational public diplomacy. We unite advocates from both the public and private realms to support bi-lateral collaboration among individuals, groups, organizations, corporations, world class universities, and government agencies to promote scientific research, entrepreneurship, social innovation and public leadership.

^{photo} by Matías Negrete







LOVELL (TU) JARVIS

Dear Friends,

I would like to extend a warm greeting to all who have interest in and/or have contributed to the Chile California Council's activities during 2015. It was a very good year for the Chile California Council and I am extremely grateful for the energy and efforts of our Councilors, our friends, associates and collaborators, and our excellent staff.

Several noteworthy achievements include:

 The signing of a historic Joint Declaration between President Michele Bachelet and Governor Jerry Brown, which established a common agenda for the reduction and mitigation of climate change and established a basis for additional collaboration between Chile and California.

 Our Annual Meeting was held in Santiago for the first time, following the inauguration of the UC Davis Chile Center, attended by President Bachelet, UC Davis Chancellor Linda Katehi, and Vice President of CORFO Eduardo Bitran. It was a very exciting week for the CCC in Santiago These activities have contributed to the effective transfer of knowledge and technology between Chile and California, and the development of numerous public and private partnerships that are mutually-enriching

 The Chilean Graduate Student Associations at UC Berkeley, UC Davis and Stanford organized The Fourth Annual C3 Conference that featured speakers and discussions on issues of mutual importance to Chile and California. The rotating conference strengthens academic, professional and other networks among Chilean graduate students in northern California.

• UC Berkeley hosted a Conference on The Public Role of Universities in Chile and in California, held at in June 2015, explored what it means to be a "public" university. A follow-up conference will be held at the University of Chile in April 2016.

 CalFire, California's fire prevention agency, hosted a visit by a delegation from CONAF, Chile's National Forest Corporation, to witness the effects of recent California wildfires, observe community-based fire prevention efforts, and exchange fire control strategies.

We are initiating additional efforts in 2016 to share scientific knowledge between California and Chile in renewable energy, energy regulation, and energy efficiency, in coastal marine preservation, and in disaster management (e.g., earthquakes, tsunamis, wildfires and flooding. We anticipate these efforts will yield major benefits in years to come in Chile, California and beyond. Our Executive Committee has benefited from the addition of several new members that have taken active roles; we are grateful for their contributions. I hope you will join with us in the efforts to create benefit in Chile and in California through the sharing of ideas and experiences. Please enjoy our report and do contact us with your ideas for improving and extending our activities.

Warm regards,

Lovell JARVIS chairman

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HISTORY



1963

INCEPTION OF THE CHILE-CALIFORNIA PROGRAM

In the early 1960's, Chile and California signed an agreement as part of John F. Kennedy's Alliance fro Progress Program. This accord was relaunched in 2008 with the creation of the Plan Chile-California: A Strategic Association for the 21st Century.

2008

Launch of the Chile-California Plan

The Chile-California Plan was created as a result of the signing of the Memorandum of Understanding between Chile's President Michelle Bachelet and California's then Govenor, Arnold Schwarzeneger in 2008.

2011

INCORPORATION OF THE CHILE-CALIFORNIA COUNCIL

The Chile California Council was founded in 2011, on the occasion of the visit of President Sebastian Piñera to California, bringing together representatives from both public and private sectors.



2012

CCC Appoints First Executive Director and Structures The Board Into 5 Subcommittees

 Environment, Energy & Resource Management.
Innovation and Entrepreneurship.
Academia, Education & Research Exchange.
Trade Economic Growth and Competetiveness.
State and Society.

2013

CHILE AND CALIFORNIA RENEW AGREEMENT FOR COLLABORATION

Lt. Govenor Gavin Newsom gives keynote address during CCC Annual Meeting, highlighting the importance of technology in governanance. 2014

THE CCC BOARD OF CONCILORS APPROVE A STRATEGIC PLAN FOR THE NEXT 4 YEARS

2015

- Chair Lovell (Tu) Jarvis and Chilean Ambassador to the United States, Juan Gabriel Valdes, sign a new agreement between the Chilean Ministry of Foreign Relations and the Chile-California Council to boost further collaboration between Chile and California.
- Launch of the new UC Davis Center for Excellence in Chile.
- Chile and California sign an historic joint declaration against climate change.

2015 has seen an amazing year of positive progress for the CCC

TOGETHER WE:

• Signed an historic Joint Chile-California Declaration on climate change expressing agreement on a common vision for a cleaner, more sustainable world.

• Opened the first UC Davis International Research Center in Chile to provide an opportunity for accelerating applied research results within the national agriculture and forestry industries.

• Hosted a professional exchange between CONAF and Calfire experts to foster innovative approaches in forest fire prevention.

• Organized several inbound trade missions in California focusing on cutting edge science exchange related to energy efficiency and storage, early earthquake warning systems, watershed science, and the aging process and factors associated with health and welfare in adults.

• Participated in the Our Ocean Conference led by President Michelle Bachelet and Secretary of State John Kerry to encourage states and organizations to commit to effective actions for ocean conservation.

• Named 11 new talented and dedicated Councilors to help us promote our mission

• Convened hundreds of students, academics, entrepreneurs, investors, and government leaders at our events in both territories

EACH ACCOMPLISHMENT PRESENTED IN THIS ANNUAL REPORT REFLECTS A MOMENT, A PERSON, A PROJECT, A PARTNERSHIP THAT EMBOLDENS US, AND GIVES US THE HOPE THAT OUR WORK IS GENERATING REAL IMPACT.

WHAT CONNECTS THESE ACCOMPLISHMENTS IS THE CONTRIBUTION TO OUR DUAL STRATEGIC GOALS OF: SUSTAINABILITY, AND THE PROMOTION OF THE KNOWLEDGE ECONOMY. THESE FOCAL POINTS HAVE HELPED US TO DEFINE OUR ACTIONS ACROSS OUR FOUR CORE AREAS OF FOCUS: ENVIRONMENT, ENERGY AND RESOURCE MANAGEMENT; INNOVATION AND ENTREPRENEURSHIP; TRADE, ECONOMIC GROWTH AND COMPETITIVENESS; AND ACADEMIA, RESEARCH AND EDUCATION EXCHANGE WHICH HAVE EMERGED AS PART OF OUR RENEWED STRATEGY TO BETTER POSITION OUR ORGANIZATION IN THE REALM OF PUBLIC DIPLOMACY IN CHILE AND CALIFORNIA IN THE YEARS TO COME.









AGREEMENT BETWEEN CHILEAN GOVERNMENT AND THE CCC

Chair Lovell (Tu) Jarvis and Chilean Ambassador to the United States, Juan Gabriel Valdes, sign a new agreement between the Chilean Ministry of Foreign Relations and the Chile-California Council to boost further collaboration between Chile and California. The priorities established for collaboration include the areas of innovation and entrepreneurship, water management, the development of renewable energy and achieving greater energy efficiency, the management of marine protected areas, fire control and prevention, reduction of air pollution, science and technology research and development, and educational policy. Lovell (Tu) Jarvis Chair, UC Davis Professor

EXECUTIVE COMMITTEE

DANIEL GREEN

Secretary of the Board of Councillors

Partner, Gunderson

Dettmer

KATHLEEN BARCLAY Vice Chair in Chile, President of AMCHAM Chile MARIA CARKOVIC Executive Director, Institute for Business Innovation, and Lecturer Haas School of Business, UC Berkeley



ERIN CUBBISON Regional Sustainable Design Leader at Gensler, SF



Vintner and Proprietor of Veramonte Vineyard, in Chile and Huneeus Vineyard, in California **ISABEL VALDÉS** Vice Chair in California, Marketing Consultant CHARLES HOLLOWAY Director of the Center for Entrepreneurial Studies, Stanford University; Kleiner Perkins Caufield & Byers Professor of Management, Emeritus; Director of the Center for Entrepreneurial Studies, Stanford University

RAFAEL FRIEDMAN Expert Strategic Analyst, PG&E

We are excited to announce the Executive Committee has confirmed the nomination of eleven new members to the Council.



EDUARDO BENDEK Scientist, NASA Ames Research Center



ALAN BENNETT Exceutive Director, UC Davis, Chile



CHARLIE CASEY President, Pacific Foundation Services LLC



Rosa Deves Provost, Universidad de Chile

RobolFo Dirzo Bing Professor in Environmental Science

SEBASTIAN EDWARDS International Economist Professor of Economics, UCLA



EDUARDO ERGAS President, Ecoscience Foundation



Oz Erikson Real estate developer, SF



FERNANDO FLORES Entrepreneur



MARK GHILARDUCCI Director, California Governor's Office of Emergency Management Agency GEORGE LEWIS GILDRED Honorary Consul of Chile, San Diego **MICHAEL GRASTY** Attorney and Founder, Grasty Quintana Majlis & Cia

BOARD MEMBERS

VICTORIA HURTAN

VICTORIA HURTADO Chief of Innovation, Microsystem, Chile COURTNEY KINGSTON Founder, Kingston Family Vineyards Michael LeatherBee Assistant Professor, Technological Entrepreneurship, Universidad Católica de Chile



Francisco Letelier Designer, L.A. HELEN LOPEZ Chief of Staff, California Emergency Management Agency ROBERTO MATUS Executive Director, AMCHAM Chile **José Luis Nazar** Businessman, Land of the Free L.P



BARBARA SAAVEDRA Director, Wildlife Conservation Society, Chile RICARDO SAN MARTIN Professor, School of Engineering, Universidad Católica de Chile

CAROLYN SCHUETZ Treasurer, Rotary Club HARLEY SHAIKEN Treasurer, Rotary Club



Nicolás Shea Founder Start-Up Chile, CEO Cumplo SUSANNE STIRLING Vice President of International Affairs, California Chamber of Commerce CARLOS VALDERRAMA Senior Vice President, Global Initiatives, Chamber of Commerce Los Angeles



PABLO VALENZUELA Co-Founder, Fundación Ciencia & Vida

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GABRIEL RODRÍGUEZ Ambassador, Director for Energy, Science & Technology and Innovation, Ministry of Foreign Affairs, Chile

JUAN GABRIEL VALDÉS Ambassador of Chile to the United States, Ministry of Foreign Affairs, Chile



PATRICIO DIAZ Consul General of Chile in San Francisco, Ministry of Foreign Affairs Chile (2016)

ROLANDO ORTEGA Consul General of Chile in San Francisco, Ministry of Foreign Affairs, Chile

Jorge TagLe Consul General of Chile in Los Angeles, Ministry of Foreign Affairs, Chile MAURICIO UGALDE Ambassador and Director North America, Central America and Caribbean



We wish to thank our councilors for their devotion to our cause, helping the CCC in their endeavor to promote positive change in Chile and California, and our friends and associates who help contribute to the success of our future as an organization.

"BY CREATING LOCAL NETWORKS, THE CCC FACILITATES THE EXCHANGE OF INFORMATION, THE CREATION OF NEW COLLABORATIVE ENDEAVOURS, AND THE KNOWLEDGE-TRANSFER BETWEEN THE TERRITORIES. THE CCC IS AN OPEN COMMUNITY OF CHANGEMAKERS. THEY HAVE CREATED A VIBRANT ECOSYSTEM WITHIN THE CHILE-CALIFORNIA RELATIONSHIP, AND INVOLVE VARIOUS ORGANIZATIONS IN LONG-TERM INTERNATIONAL COLLABORATION"

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TEAM

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J.IBÁÑEZ

"We are grateful for the exceptional efforts of our Staff in Northern California who have allowed us to successfully innovate a growing number of activities. Our operations manager and a number of interns provided key support."

L. Jarvis

INTERNS



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AREAS WE Me with

We begin with strategic research, and interviews with project stakeholders, to seek new areas where there is momentum for innovation, for new technologies or for the adoption of a new practice that builds a creative solution, or solves a problem in a new way. We then identify connections within our wide network where we might use our influence to leverage additional financing, or engage strategic partners to ensure impact continues long after our involvement ends.







Areas we support ENVIRONMENT,

ENERGY & RESOURCE MANAGEMENT

Throughout its long history, Chile and California have established a strong, mutually beneficial relationship surrounding environmental issues. Their historical contact along with its shared climatic characteristics has encouraged Chile to implement improved plans and policies for resource management in clean energy, water and marine resources. While California has extensive experience in addressing environmental, energy, and natural resource concerns, Chile, as a developing economy, has the distinct advantage of learning from this very experience how to better accelerate its economy by skipping inferior, less efficient potentially more damaging technologies and moving directly to more advanced solutions to meet newly implemented sustainability goals. Nowhere is this more prevalent than in solar energy segment, where Chile has demonstrated its ability to leap into the solar future avoiding the mistake of continual dependence on fossil fuels. We wish to share with you some of the recent accomplishments the CCC has achieved in the environment, energy and resource management realm during 2015. Environment, Energy & Resource Management



CHILE AND CALIFORNIA SIGN HISTORIC JOINT DECLARATION ON CLIMATE CHANGE

September 2015, President Michelle Bachelet signed an historic Joint Declaration agreement with Governor Brown of California to develop a common work plan aimed to support the reduction of carbon emissions in both territories. The Chile-California Plan, which has already provided many diverse areas of fruitful cooperation between the two territories in education, scientific research, agriculture and environmental protection provided a fundamental framework for this important development.

Building on the common goals set forth during the COP21 discussion in Paris, Chile and California have declared a common vision for a cleaner and more sustainable world by acting in concordance to work towards stabilizing greenhouse gases in the atmosphere. We commit ourselves to develop a common work plan on climate change in the areas of common interests, being: Oceans, Carbon Markets, Adaptation, Water Management, Forests, Air Quality, and Waste Management. This agreement demonstrates the potential of the possibilities for collective impact across states, regions, and cities within the Chile California corridor.

PUBLIC DIPLOMACY

The concept of public diplomacy incorporates an aspect of international relations that transcends traditional diplomacy. We believe local representation and presence develops a more intensified involvement, and establishes a stronger, more focused network agility thereby creating a more powerful policy impact or improved program outcomes in one territory with another.



Ms. Michelle Bachelet *Republic of Chile*

Mr. Edmund G. Brown Jr.

State of California

New York, September 25, 2015

Environment, Energy & Resource Management

Environment

1. CHILE CALIFORNIA COLLABORATION FOR COMMUNITY PREPAREDNESS IN FOREST FIRE PREVENTION

During 2015 the CCC has facilitated a bilateral partnership between CONAF (The Chilean National Agency for Forestry and Fire Protection) and the State of California for professional exchange focused on community-based fire prevention. In October, the CCC invited a group of CONAF experts from Chile for a week-long to visit to California. The group met with several CalFire (California Department of Forestry and Fire Protection) teams throughout the Northern California region to learn best practices in the area of community-based fire prevention, a central discipline for Cal Fire. The goal of the exchange was to show the Chilean team how Californians have been working in communities to implement best practices for wildfire prevention and wildfire safety. The exchange was a major focus for the Chile-California relationship and helped to establish a viable bi-lateral partnership in the field. The professional exchange allowed for significant technology and information transfer, and provided an exceptional opportunity to impart proven fire-prevention practices in management, dissemination and community participation, as well to establish a dialogue between the two organizations to share their experiences about fire prevention in their respective territories.

"I have been a CCC member since 2012 and have been very impressed how engaged the CA-Chile Council is in leveraging partnerships between the two countries in an effort to share best practices, training, and exchange of knowledge to drive important initiatives in the areas of emergency management, environment, and business development among others. The CCC is truly committed and dedicated and is making a difference in both regions."

HELEN LOPEZ



The application of modern wildfire prevention techniques is relevant to the protection of the public and for the conservation of natural resources. CONAF is now giving greater priority to the prevention of forest fires since drought conditions and unusually high temperatures affecting the country have increased the risk of spreading fires. They aim to achieve improved outcomes with the implementation of community outreach methods by providing educational activities that will help to avoid and reduce the occurrence and vulnerability to wildfires. We anticipate this visit will initiate the first of many that will help to establish a viable bilateral partnership in the field of fire prevention that will allow us to positively impact both territories.



= saving more than 10 times GREATER THIS AMOUNT.

Its been proven that for every dollar spent on prevention there is a significant savings in fire protection of more than 10 times greater this amount.

Conaf visiting delegation October 13-23, 2015

> Participating CONAF staff: interest for future collaboration was exceptional.

Andrea Alvarado, Head of Preventative Silviculture and Communities Programs, Department of Fire Prevention, CONAF Ximena Ponce, Head of Education and Outreach Section, Department of Fire Prevention, CONAF **Jose Navarrete**, Fire Prevention Officer, La Araucania Region, CONAF LED BY: **Tracy Katelman**, California Registered Professional Forester, ForEverGreen Forestry, CONAF Consultant



> THOUSANDS OF CHIZENS, VISITORS AND WORKERS BENEFITED
> MAKE IT A BETTER PLACE TO LIVE, WORK AND VISIT
> LESS VULNERABILITY, MORE SELF-PROTECTION, FIRE
PREVENTION PREPAREDNESS AND A RESPONSIBLE COMMUNITY



Environment, Energy & Resource Management

Energy

Electricity sector reform carried out on several decades ago in Chile encouraged the uncoupling of generation, transmission and distribution and led to large scale privatization and increasing private investment in the sector. In recent years' economic considerations and environmental concerns have shifted the focus to energy policies that stress the diversification of the matrix with new generation sources, especially those electrical generation technologies known as Non–Conventional Renewable Energy (NCRE). The country's projected economic growth implies increased demand for electricity which is forecast to rise by around 5% a year through to 2020, creating outstanding opportunities for investment in generation and transmission.

2. CHILEAN DELEGATION OF ENERGY EFFICIENCY VISITED THE BAY AREA

To promote energy efficiency in Chile, with a goal of reducing power consumption by 20% by 2025, the CCC supported a public-private delegation that visited the Bay Area in January 2015. The delegates visited with The California Public Utilities Commission, California Energy Commission, PG&E, the California Institute for Energy & Environment at UC Berkeley, the Energy Efficiency Center and the Western Village Cooling Lab at UC Davis, Lawrence Berkeley National Lab, NRDC, and Pattern Energy. The focus of discussions were on "decoupling" and the development of guidelines needed for mechanisms to spur energy efficiency.



The CCC, together with a visiting delegation from AMCHAM Chile, and the US-Chile Energy Council hosted a networking event addressing the highly attractive investment opportunities available in the renewable energy sector in Chile. Panelists discussed Chile's legal framework for the energy sector that is based on the principles of competition in the generation segment and the separation of functions of generation, transmission and distribution. Attendees learned about how both domestic and foreign companies alike can participate in the energy sector, and how small scale non-conventional renewable energy providers can guarantee access to transmission lines.



During 2015, to promote energy efficiency in Chile, the CCC supported a public-private delegation that visited the Bay Area in January 2015, and organized more than 6 meetings with regulators and agencies and more than 7 meetings with research centers and innovation energy hubs.



Water

4. VISIT OF CHILEAN PRESIDENTIAL DELEGATE FOR WATER RESOURCES REINALDO RUIZ TO CA

In October 2015, Mr. Reinaldo Ruiz, the Chilean Presidential Delegate for Water Resources, participated in a water and food security conference hosted by the University of California, Davis. During his visit, the CCC organized meetings with The Nature Conservancy, the Department of Civil and Environmental Engineering at UC Berkeley, and with water management experts from UC Merced to discuss ground water management, water bank, environmental water use, and the use of science and technology to guide water policy.



5. OUR OCEAN CONFERENCE, OCTOBER 2015, VALPARAÍSO, CHILE

Our Ocean conference brought together individuals, experts, practitioners, advocates, lawmakers, and the international ocean and foreign policy communities to gather lessons learned, share scientific research, offer unique perspectives, and demonstrate effective actions to assist states and organizations to commit to ocean conservation. The Consortium "Chile Es Mar", supported by the CCC, invited children from all over Chile to raise awareness of ocean education, and marine conservation.







COOPERATION AGREEMENTS

California Environmental Protection Agency - Ministerio de Medio Ambiente Chile

Wildlife Conservation Society - UC Santa Barbara -Universidad Católica de Chile Yosemite Park - Parque Torres del Paine

Lawrence Berkeley National Laboratory (LBNL) -Universidad de Antofagasta Nasa Ames Research Center -Universidad de Antofagasta

Redwood National and State Parks - Parque Nacional Alerce Costero Glacier Bay National Park and Preserve in Alaska - The Francisco Coloane marine -Coastal Protected Area in Chile

THE CCC ENERGY ADVISORY GROUP

The CCC created an energy advisory group comprised of Chilean energy and climate change experts to improve the flow of information shared between the two territories. This group helps to develop proposals to identify strong partnerships that add value to Chile's national energy strategy. They also help to coordinate meetings, trade delegation visits, and other efforts with Chilean authorities and government agencies.

RAFAEL FRIEDMANN

An expert strategic analyst with Pacific Gas and Electric Company and consultant on energy efficiency and renewables to public clients.

JUAN-PABLO CARVALLO

Is a graduate student of the Energy and Reources Group at UC Berkeley. As an interdisciplinary scholar, Juan Pablo's expertise is in solving sustainability problems in developing economies with a specific knowledge in renewable energy public policy, electricity and energy markets, buisness models and market design.

JUAN-GUILLERMO SANDOVAL

Counsel at Associate General Counsel at sPower has expertise in project finance, international dispute resolution, and international business transactions.

IGNACIO FERNÁNDEZ

is an energy and environmental policy developer specializing in climate change mitigation and carbon markets with proven experience in policy making, economic alalysis, and international climate policy.

"Even though today much of the exchange in the energy arena encompasses Chileans coming to learn about the California experience with energy efficiency, and distributed and renewable resources, I foresee Chile's rapid adoption of renewable technologies, particularly solar and wind will result in Californians increasingly going to Chile; to learn about and open new markets for both countries in green business."

RAFAEL FRIEDMAN

Energy – Environment & Marine conservation CURRENTS CONNECTIONS







Areas we support INNOVATION & ENTREPRENEURSHIP

Entrepreneurship, innovation and knowledge are the interrelated concepts driving economic growth in most regions of the world today. Economic development increasingly depends on the ability to create all kinds of new ideas. Innovation, the process of introducing new ideas, devices, or methods is responsible for producing opportunities, driving upward mobility, accelerating investment in educational systems, infrastructure and environmental conservation. While entrepreneurship, the capacity and willingness to develop, organize and manage a business venture in order to make a profit is the vehicle driving innovation, and pushing new boundaries.

The CCC aspires to be closer to the pulse of what can be done to support innovation and entrepreneurship. Working closely with universities, start-ups, non-profits and entrepreneurs, the CCC is able to continue to support a strong ecosystem for innovators. One of our most notable accomplishments this year was the launching of the UC Davis research center in Chile. INNOVATION & ENTREPRENEURSHIP

BUILDING NETWORS

Among others networking events, the CCC worked with ProChile and the Chilean Group Software Companies (GECH) to further colaboration between Chile and California in the Software Industries.

TECH NETWORKING IN THE MISSION

June 2015, Pro Chile, the CCC, Latin SF and the Group of Chilean Software Companies (GECH) attended a networking event at Galvanize, SF. The event was one of a series of meetings focused on exploring further collaboration between Chile and California in the software industry. Francisco Mardones, GECHS 'president, provided an overview about the software industry in Chile and its challenges to expanded internationally; Raul Camposano discussed his experience doing business in Chile providing services to the US and, finally, Sajid Mohamedy, from Nisum, presented his experience working with Chilean software companies




30 EVENTS 1295 PEOPLE

The CCC Organized 30 networking events and gathered 1,295 people in Chile and Califiornia in 2015



INNOVATION & ENTREPRENEURSHIP

UC Davis- Chile

INAUGURATION OF UC DAVIS CENTER OF EXCELLENCE IN CHILE

UC Davis and Chile have collaborated for more than 50 years on agricultural innovation. Chile and California both have exceptional universities and government research organizations; their fundamental differences lies in the how the university and public sector contribute to stimulating their respective agricultural economies. UC Davis has worked for over 100 years to develop agricultural innovations and new plant varieties which have improved economic vitality in California, the United States, and the rest of the world. The CCC has facilitated recent developments that bring the collaboration into the present day, with a stronger base for research on Chilean soil.

Launched with support from the Attraction of International

R&D Centers of Excellence for Competitiveness program led by CORFO, the UC Davis Chile Life Sciences Innovation Center opened its first International Research Center in Chile, in the presence of the the President of the Republic, Michelle Bachelet, accompanied by the acting Minister of Foreign Affairs, Edgardo Riveros; the VP of CORFO, Eduardo Bitran; the Executive Director of the Center, Alan Bennett; and UC Davis Chancellor Linda Katehi. The Center aims to focus on four strategic areas for the agricultural industry: plant breeding, post-harvest technology, climate change technologies, and viticulture and enology.









COOPERATION AGREEMENTS

SRI International - CORFO

Nasa Ames Research Center -Universidad de Antofagasta

Stanford Technology Venture Program - Pontificia Católica de Chile

Stanford Technology Venture Program - Universidad del Desarrollo

Assembio - Bay Bio

UC Davis Life Sciences Innovation Center in Chile

Ingeniería UC - UC Berkeley

Goals of uc davis chile include

• Creating a platform for the development of collaborative research between researchers from Chile and California, capable of generating innovations that impact the competitiveness of Chilean agricultural-food industry.

• Enabling effective technology transfer processes from UC Davis to the Chilean industry, through developments currently available in Davis, and as the results of the R & D that is generated with Chilean partners.

• Linking Chilean institutions with training and capacity building for developing applied research aimed at delivering value and innovation to the food sector.

THE CLOVER 2030: THE BRIDGE UC AT UC BERKELEY

Engineering 2030 is the Chilean government's initiative to transform engineering schools into an engine to help change the economy, from one predominantly based on natural resources to one based on knowledge and innovation using scientific and technological discovery. Professor Ricardo San Martin from Pontificia Universidad Católica de Chile has been at UC Berkelev since 2013, working closely with the Sutardja Center for Entrepreneurship and Technology to establish The Bridge UC. The Bridge UC aims to build long-term alliances with leaders in both the public and private sectors in Chile and California, to contribute to the growth of students' entrepreneurial projects. Along with a selective program to bring Chilean students and entrepreneurs to Berkeley, Professor San Martin has created a MOOC (Massive Online Open Course) on Coursera: Decodificando Silicon Valley.



CCC SUPPORTS SRI GO-TO-MARKET PROGRAM

Drawing from its vast and diverse network, the CCC supported teams of entrepreneurs who had been sponsored by CORFO to spend one month at SRI International for intensive training in transferring their business model, or research to the commercial market. In addition to attending workshops to learn how to develop new market opportunities, they create successful business plans, and raise funding for their projects.

The entrepreneurial teams explored Silicon Valley to find potential investors and partners.

4 YEARS OF CO-WORKING



6 HAVE RAISED VENTURE CAPITAL

HAVE ALSO SET UP OPERATIONS IN THE U.S.

Innovation & Entrepreneurship CURRENTS CONNECTIONS







Areas we support ACADEMIA, EDUCATION & RESEARCH EXCHANGE

SUPPORTING THE EXCHANGE OF Advanced Human Capital Between Chile and California

One essential intent of the strategic agreement between Chile and California, signed in 2008, was the formation of advanced human capital. Future governmental policies will need to apply more stress on upgrading human capital by providing access to a wider range of skills, enhancing the capacity to learn, improving knowledge distribution, and the diffusion of technology, in order to maximize the benefits of learned technology for increased productivity. According to international rankings the state of California boasts some of the best universities, with more than 5 universities ranking within the top 25 in the world. In this vein, the CCC has deepened its previous commitment to foster education ties and formalize strategic partnerships. We work closely with deans, faculty members, professors, and students to nurture existing channels of cooperation in order to expand into new collaborative ventures, foster new research opportunities, engage in cross-disciplinary dialogue, refine pedagogical practices, and develop advanced human capital. Academia, Education & Research Exchange

ACTIVITIES

1. SYMPOSIUM ON THE EVOLVING PUBLIC ROLE OF UNIVERSITIES IN CHILE AND CALIFORNIA

The CCC together with CONICYT worked to support a symposium hosted by the University of California at Berkeley that addressed the public role of leading universities in Chile and in the Bay Area. The visiting delegation was led by the Academic Dean of the University of Chile, and CCC Councilor, Rosa Deves. Researchers from the University of California at Berkeley, Universidad de Chile, The Pontifica Universidad Católica de Chile, and Stanford University all contributed to the dialogue. The CCC provided additional funding for the recording, editing and distribution of the conference. Scholars in higher education, students and administrators from the university community participated in a comparative analysis of both territories. A follow on discussion is scheduled to continue in Chile in 2016.



2. UNIVERSITY OF CONCEPCIÓN ESTABLISHES RELATIONSHIPS WITH UC BERKELEY IN PUBLIC HEALTH

In March 2015, Jacqueline Sepulveda from the University of Concepción lead a delegation of professors from her university, accompanied by local government and pharmaceutical industry representatives to the Bay Area in an effort to share methodological experiences about how scientists, students and academics are trained to become leaders in the biomedical technology innovation. The visits and meetings were hosted at the Entrepreneurship Center and QB3 accelerator at the University of California San Francisco, Singularity University, SRI International, Stanford Graduate School of Business, UC Berkeley, UC Davis, and Telesagen. Long term collaboration is expected between organizations in the Bay Area and Concepcion.



COOPERATION AGREEMENTS

UC Berkeley CLAS - CONICYT

UC Davis - Universidad Austral de Chile

UC Davis - Universidad Valparaíso UCLA - CONICYT

School of Education, Stanford University - CEPPE, Chile

Anderson School of Management at UCLA -Escuela de negocios at UAI University of Southern California - CONICYT

UC Davis - Universidad Austral; Universidad Concepción; Universidad de Talca, Universidad Diego Portales, Universidad Tarapaca, Universidad Católica de Chile; Universidad Bío Bío; Universidad de Chile; Universidad del Valpara<u>íso</u>

3. CONICYT DELEGATION VISITS THE BAY AREA

The objective of this trip, organized by the CCC, was to explore world-class investigation centers in many different fields to better understand how to develop future opportunities for collaboration with Chile. Over the course of two days, the group visited the Buck Institute for Research on Aging, UC Berkeley's CITRIS (Center for Information Technology Research in the Interest of Society), SRI--Stanford Research Institute, SLAC--The University of Stanford's National Accelerator Laboratory, Stanford's Center for Latin American Studies and The USGS--The United States Geological Survey, and met with students and faculty members at both UC Berkeley and Stanford.

4. CHILE-CALIFORNIA COUNCIL MEETING AT RAND CORPORATION

Representatives of the Chile-California Plan met with RAND experts to explore possible collaboration in public policy issues related to Chile and California.



Academia, Education & Research Exchange CURRENTS CONNECTIONS







Areas we support **STATE & SOCIETY**

State and society are interrelated concepts, with the progress of one influencing the other. A society refers to the concept of a group of people held together in the pursuit of common goals which directly influences a state and its work ethics. Whereas the state is a political organization with authority, autonomy, sovereignty, and territory. The basic difference between the two is that a society is comprised of voluntary actions, while within a state the actions are rigid, and pertain to laws, rules and regulations. In 2015 the CCC encouraged cultural and educational exchanges in the realm of state and society focusing on educational reform, climate change, food security and sustainability; innovation and applied technology, science and connecting societies globally.

FOURTH ANNUAL CHILE-CALIFORNIA CONFERENCE-C3

Co-organized by the Chile-California Council, the General Consul of Chile in San Francisco and the Chilean Student Associations of UC Berkeley, UC Davis and Stanford University, the C3, The Chile-California Conference, is a yearly event that gathers key actors in the realm of innovation and development—academics, students, entrepreneurs, authorities and professionals—from both Chile and California to a daylong series of panels and breakout sessions designed to promote the exchange of ideas, challenges and experiences from both territories.

PRESIDENT OF FUNDACIÓN CHILE, PATRICIO MELLER, VISITS THE BAY AREA - C3

October 2015, the CCC hosted a meeting with Patricio Meller, PhD in Economics from UC Berkeley, and current President of Fundación Chile, in Berkeley. During the meeting we explored ways in which the CCC can collaborate with Fundación Chile in order to promote future scientific and technological exchange between Chile and California. The local participation of Fundación Chile's president, an extremely relevant player in Chile's economic development, provides substantial support in strengthening the long term relationship between Chile and California.

"Chile and California have a powerful opportunity to share knowledge and achieve social, economic, and environmental benefits. The Council has become an integral link in connecting ideas and inspiring action. Serving on the Executive Committee has been very rewarding, and I look forward to supporting its efforts in the year to come."

ERIN CUBBISON



State & Society CURRENTS CONNECTIONS







Areas we support **TRADE, ECONOMIC GROWTH & COMPETITIVENESS**

Trade, economic growth, and competitiveness are intricately linked in any nation's economy. Competitiveness, or the ability of a region to export more in value added terms than it imports, can be defined as "the set of institutions, policies and factors that determine the level of productivity of a country." Therefore, the competitiveness of an economy, hinges on the productivity of it. Trade promotion, and market openness are critical to growth, job creation and development. The competitiveness of an economy in an integrated

world determines how well they convert the potential created by access to global markets into opportunities for their businesses and communities.

The CCC aims to facilitate the competitiveness of the Chilean economy, thereby boosting it's productivity by providing open access and proximity to the world's 8th largest economy, its technological infrastructure, renown university capacity, and its innovative attitude.

"For five generations, my Chilean–American family of entrepreneurs has straddled two very different worlds. The California Chile Council offers a unique intersection and cross–cultural exchange where we can leverage and learn from the best of both."

COURTNEY KINGSTON

REDBIONOVA

Redbionova in cooperation with the CCC, Austral Incuba, Fundacion Ciencia & Vida and Andes Biotechnologies, presented the first Biotech Tonic in San Francisco. Cristian Hernandez, Molecular Biotechnology Engineer, interviewed Pablo Valenzuela, PhD, in an open forum to discuss his life work with more than 50 participants in attendance. Besides speaking about his past and revealing his process for discoveries the hepatitis B vaccine and hepatitis C virus, he spoke about his foundation's focus for the future, and the promising approach they are inventing to kill cancer cells with antisense RNA.



YOUR CREATION MATTERS

In December 2015, the CCC sponsored the "Your Creation Matters" campaign, an educational campaign led by the Chilean American Chamber of Commerce, AmCham Chile, which seeks to promote and disseminate the importance of intellectual property in the protection of entrepreneurship, innovation and creativity. As part of this initiative, AMCHAM promoted a short film contest and invited young film makers to submit audiovisual creations of 26 seconds designed to communicate the importance of respecting intellectual property and the appropriate use of copyright and patent registration. The CCC supported the winner of the contest, young film maker Nicolás Salamanca on a trip to Los Angeles, to learn more about the state of the art of film culture in the United States, in cinema, audiovisual, digital animation and music composition.

AmCham Chile was awarded the 2015 Champions IP award from the Global Intellectual Property Center (GIPC) of the US Chamber of Commerce for this initiative.



Trade, Economic Growth & Competitiveness CURRENTS CONNECTIONS



® Photo by Matías Negrete

We foster innovative approaches to development using the strong alliance between Chile and California. We are a go-to place for people interested in creating a sustainable future.

SOCIAL MEDIA

NETWORK

CONTACTS IN OUR



Digital Diplomacy

The CCC employs the use of digital platforms such as Twitter, and Facebook to articulate ideas, to listen, to communicate, to create narratives, to engage, and to connect in real time with our audience. Technical communication provides both territories an opportunity to interact with up to the minute information, thereby creating a more ambitious, comprehensive, long-term, mutually reinforcing, and sustained design and implementation of public diplomacy. CHILE-CALIFORNIA.ORG



+75,06%





Chile-California Council 2015 🆙

BALANCE 2015

BUDGET 2016

Cash Balance 1-1-15	USD	\$15,788.60	2015 Cash Balance (from Councilors donations)	USD	\$14.250
Pro Bono & In-Kind Income 2015	USD	\$20,435.00			
Income 2015 Donations Chilean Government Grant 2015 Chilean Government In-kind	USD USD USD	\$17,500 \$90,000 \$105,000	Projected Income 2016 Donations 2016 Chilean Government Grant Chilean Government In-kind 2016 Pro bono & In-kind Donations	USD USD USD USD	\$30.000 \$90.000 \$105.000 \$29.000
Total	USD	\$212,500.00	Total	USD	\$268.250
Expenses 2014 Company meetings Operational Cost Personnel Projects Total	USD USD USD USD USD	\$4,305.00 \$14,789.28 \$137,400.00 \$41,703.00 \$198,197.28	Projected Expenses Company meetings Operational Cost Personnel Projects Incidentals	USD USD USD USD USD	\$15.000 \$45.000 \$170.000 \$35.000 \$1.000
Less Cash refunded to Chilean Govt	USD	\$53.00	Total Planned Expenditures	USD	\$266.000
Year End Balance 2015	USD	\$14,249.72	End Year Balance 2015	USD	\$2.250

As an independent 501.c.3 nonprofit organization, the chile-california council relies on the generous contributions of our members, collaborators, and partners. It is only with your support and trust that we are able to give impetus and recognition to the chilecalifornia relationship. We thank you deeply.

PRIVATE DONNORS

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