



Gobierno de Chile
Ministerio de Economía

**ASIA-PACIFIC ECONOMIC COOPERATION (APEC)
25th SMALL AND MEDIUM ENTERPRISES
WORKING GROUP MEETING**

**FACILITATING
INNOVATION AND TECHNOLOGICAL
TRANSFER TO ME AND SME:
THE CHILEAN EXPERIENCE**

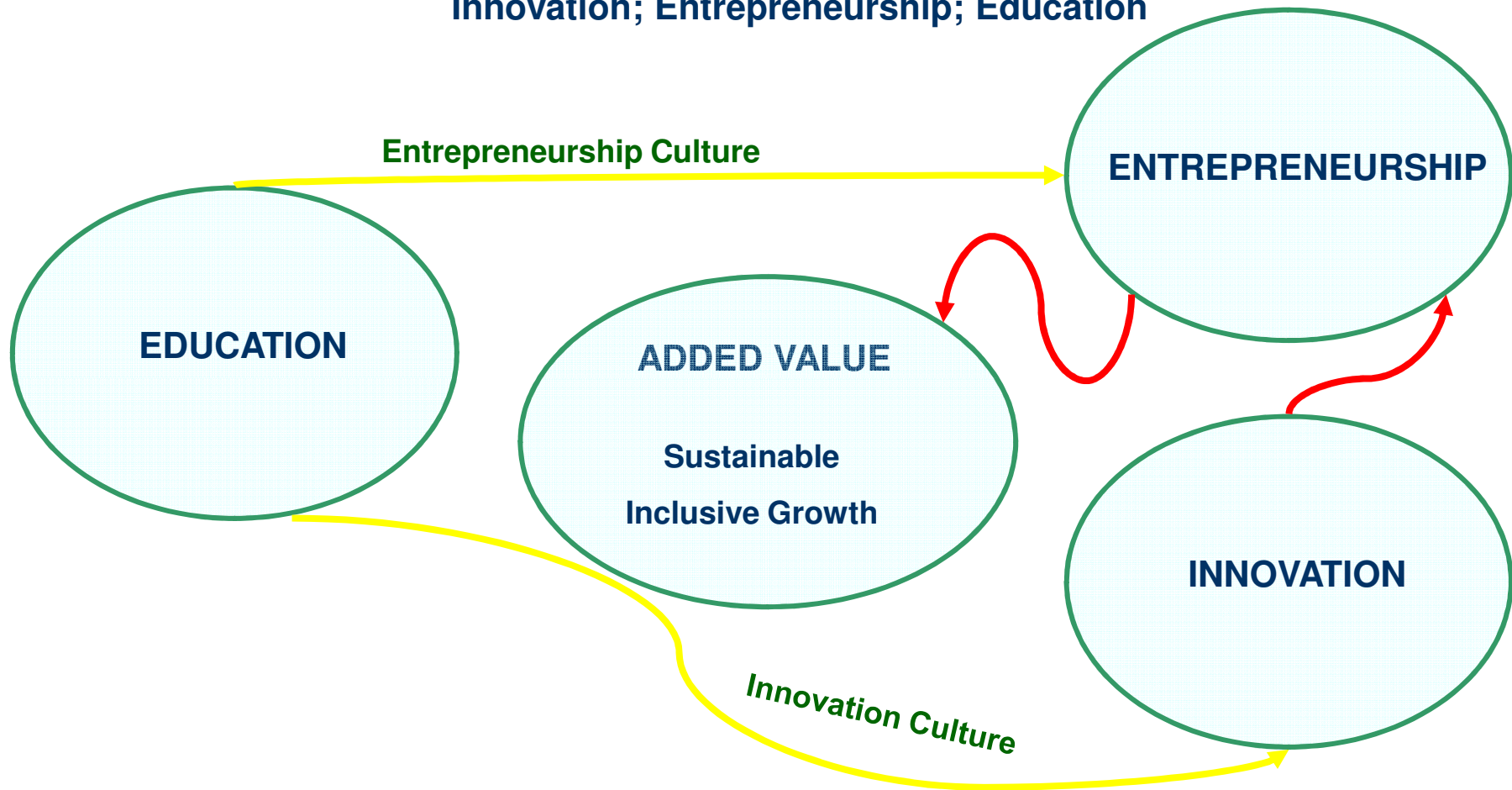
**ROSSELLA COMINETTI C.
MINISTRY OF ECONOMIC AFFAIRS
BALI, INDONESIA
28-30 AUGUST 2007**



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A VIRTUOUS TRILOGY

The keys of National Chilean Agenda in the Inclusive Development Strategy:
Innovation; Entrepreneurship; Education





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WHY A PUBLIC POLICY FOR SME INNOVATION?

- Innovation is a key factor for improving SME competitiveness.
- There are market failures in innovation and asymmetric capacities to innovate between ME and SMEs and big firms.
- Need of a network integrated by several actors: public actor, academics, ME and SMEs and social representatives.

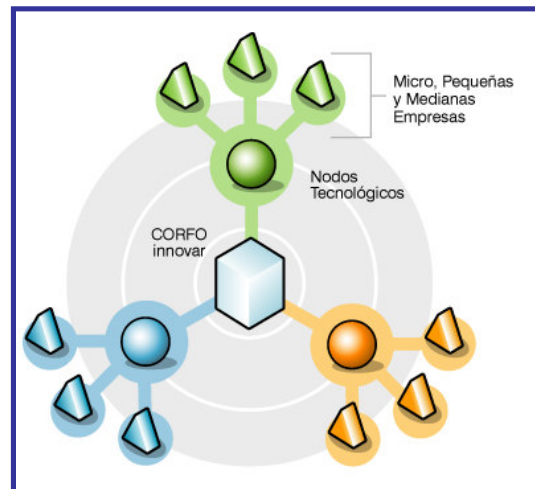
Innovation in goods and services, introduction of new products or significant improvements in terms of functional characteristics or uses.

Innovation of processes, implementation of new methods or significant improvement in production or distribution processes.

Innovations of commercialization methods (product / price / place / promotion), significant changes in design, packing, sale, positioning or price.

Innovations in organizational methods, implementation of new methods in business practices, job organization and external relationships.

TECHNOLOGICAL NODES: THE BRIDGE BETWEEN SME TECHNOLOGICAL IMPROVEMENT AND TECHNOLOGY SUPPLY



WHY A TECHNOLOGICAL NODE?

- Need of building capacities through all country to diffuse and transfer technologies and best practices.
- Need of institutions able to provide services to ME and SMEs, in order to facilitate access to innovation.
- Need of innovation in the way public institutions promote innovation.
- Need of light and flexible structure, that work through a network.
- Need of actors committed in improving competitiveness of an ME or SME group through narrowing the distance between demand and best technologies available.

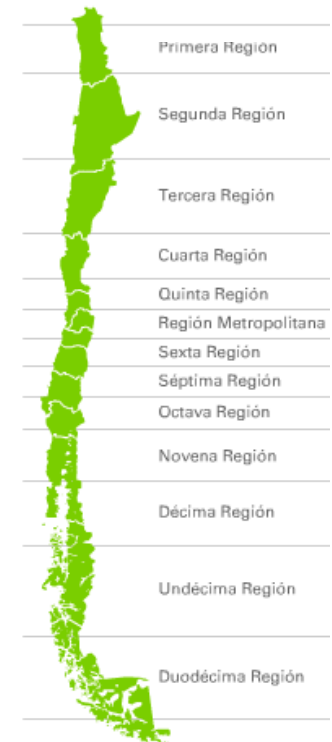
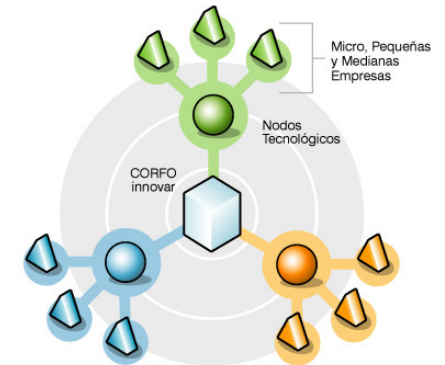


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WHAT IS A TECHNOLOGICAL NODE?

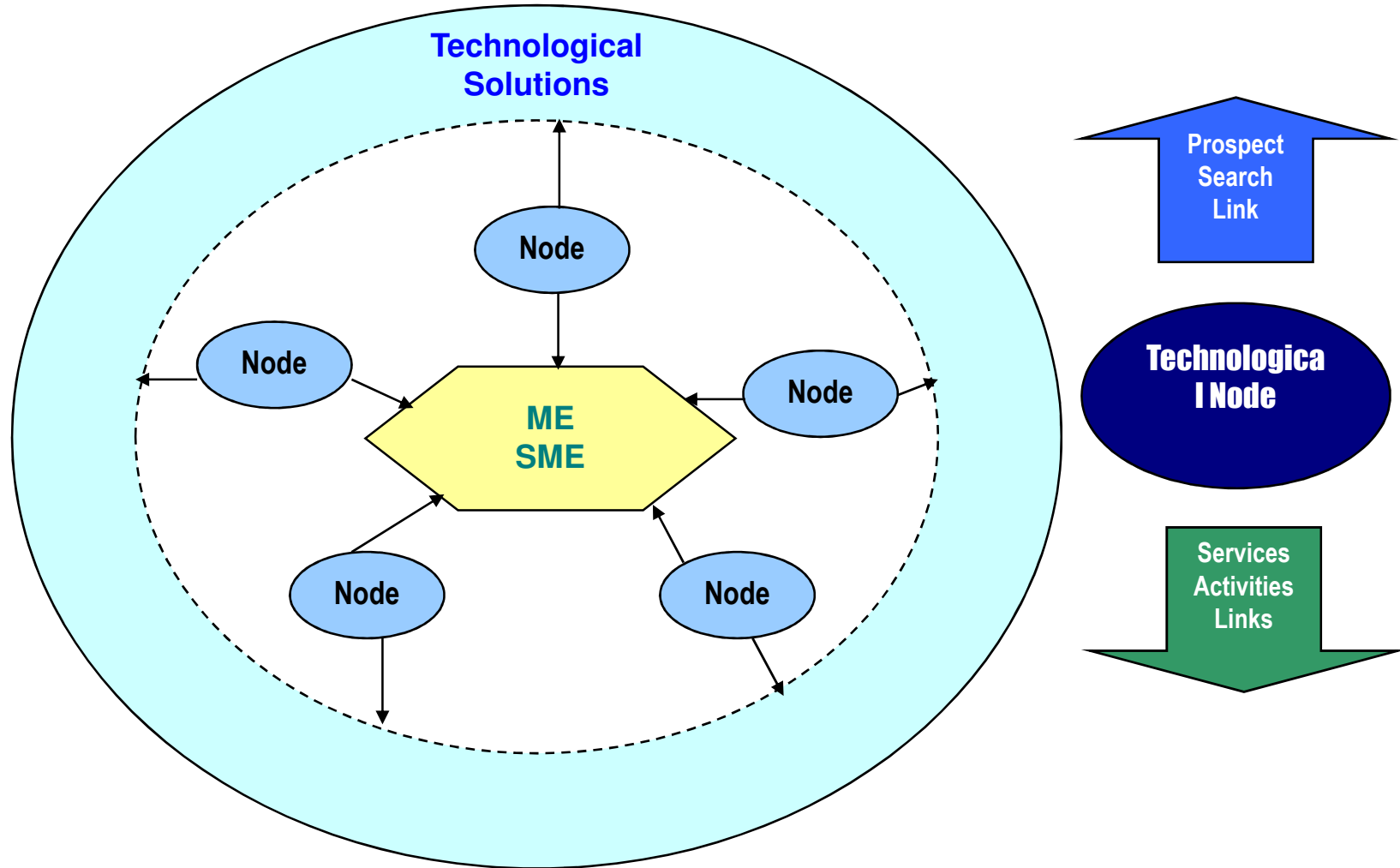
A TN is the bridge between ME and SMEs and National and International sources of innovation.

- A TN is an entity: university, consulting team, consortium, innovation centers, research centers.
- A TN is part of a TN network
- TN Functions:
 - Promotion and spreading technological transfer to ME and SMEs
 - Identifying technological needs and gaps
 - Search for technological solutions
 - Facilitating links between ME and SMEs and Technological Supply



THERE ARE 99 TECHNOLOGICAL NODES IN THE WHOLE COUNTRY

“TECHNOLOGICAL DIFFUSION AND TRANSFER NODE”





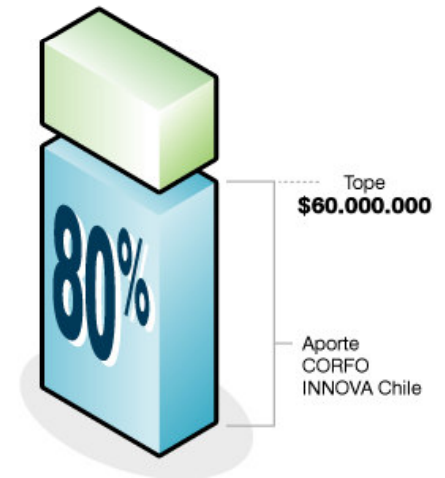
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HOW DOES A TECHNOLOGICAL NODE WORKS?

Through a National contest, entities apply to become a TN to attend a specific industry chain or territory.

Co financing up to 80% of operational expenses for delivering services during 12 months under a plan, that must include:

- Services to ME and SME in a specific activity sector and/or territory
- Promotion of links between ME and SME and public-private innovation supply
- Activities oriented to introducing innovations in process and /or products.



10.000 SME EXPECTED TO RECEIVE SERVICES DURING 2007

7.000 SME already have received services in July 2007



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A TECHNOLOGICAL NODE CASE



RICE TECHNOLOGICAL NODE MEET AT INIA QUILAMAPU

13/07/2007 10:16

In the Regional Center of National Agrarian Research Institute, Quilamapu, in Chillan, main agro industry representatives from all country, related to the rice industry chain, including consumers, met to analyze critic points and perspectives of the industry, in the first activity of the Rice Technological Node.

The director of the entity, Mr. Jaime Cuevas, stand out the importance of the Rice Technological Node, that start as a place for transferring to all the productive chain, the main results of the economical and agro industrial studies and research carried out by the Institute.



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