



Modelo SENAI de Prospecção

Methodology Transfer Program

Applying SENAI's Prospective Model to Vocational Training

Port of Spain, July 9 2013

- To assist in the identification of organizational, technological and process changes and their impacts in the workplace.
- Economic activities are currently focused on the development, marketing and use of high-tech.
- The new competitive strategy, based on technological innovation, has substantially impacted job numbers, structures, and requirements.
- This new scenario has increased the demand for *complex problem solving, judgment and decision-making, operations and systems analysis, and mathematical skills*.

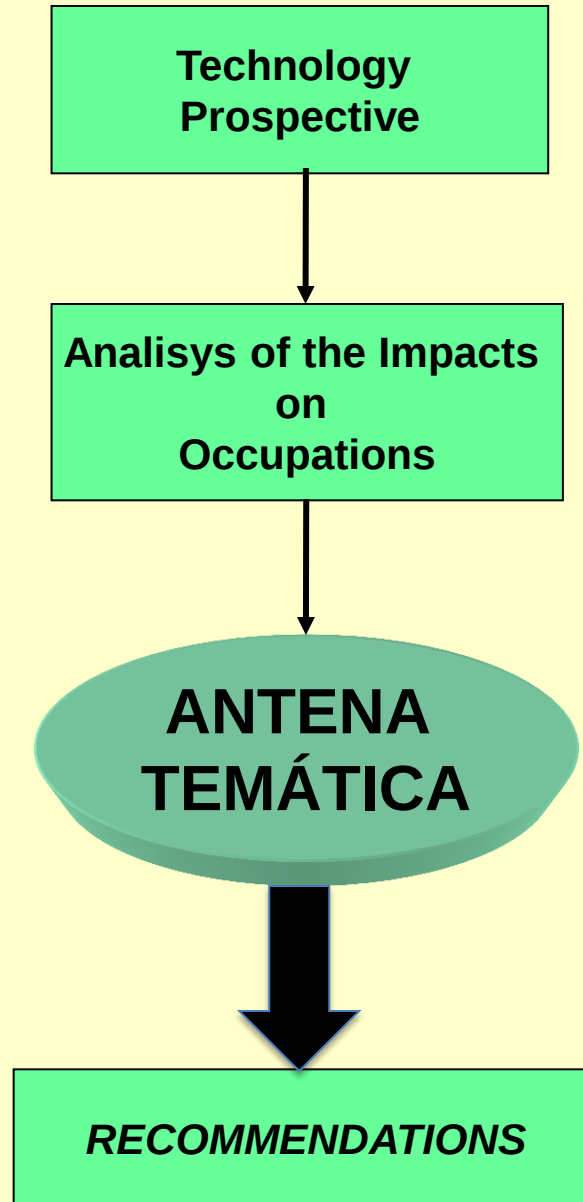
The training course was held in San José, on November 2012.

- Training course contents:
 - Prospective concepts.
 - Prospective tools and conceptualization.
 - Examples of studies on occupational prospective.
 - SENAI's Prospective Model presentation.
 - Simulation exercises.
 - Preparation of SENAI's Prospective Model for application in the construction industry.

MONITORING

MONITORING

MONITORING



MONITORING

The workshop was held in San José, on November 2012.

- Workshop contents:
 - Emerging technologies in the construction industry.
 - Delphi survey on emerging technologies (simulation).
 - Occupational impacts (simulation).
 - Defining strategies to Applying SENAI's Prospective Model.
 - Planning a work schedule.

UNIEPRO**Program history : presentation of the final results**

A meeting to present of the results of the technological prospective studies and occupational impacts was held in San Salvador on March 2013.

- Meeting contents:
 - Technological prospective and occupational impacts results.
 - Building contexts to support the development of recommendations.
 - Developing recommendations.
 - Presentation of SENAI's Prospective Model for entrepreneurs and other construction industry stakeholders.
 - Presentation of recommendations.
 - Evaluations of SENAI's Prospective Methodology Transfer Program.
 - Discussion of future actions: role of the Prospective Network and the development of new prospective studies.

Comments

The following changes were made to SENAI's Prospective Model by the Vocational Training Institutions teams, to better adapt it to their specific needs:

- Used expert panels in technology prospective, due to the difficulty of gathering a large number of specialists.
- Applied existing tools for surveys to define the technological segments and the technologies to be included in the *delphi* research.
- Applied existing tools and surveys to execute the *delphi* survey.
- Adapted SENAI's Prospective Model to the services sector (Tourism and Hospitality).
- Assigned the discussion of occupational impacts to an academic committee.

Covers the main topics discussed during the Methodology Transfer Program:

- Introduction to prospective concepts.
- Presentation of SENAI’s Prospective Model and its evolution.
- Summary of the results achieved by each participating institution:
 - *Sector information*
 - *Technological prospective*
 - *Occupational impacts*
 - *Recommendations*
- Program evaluation.
- Prospective Network.

UNIEPRO**Future actions and prospective studies**

- According to the results of the Methodology Transfer Program for SENAI's Prospective Model, the VTIs suggested the establishment of a learning and practice network (Prospective Network).
- VTIs that participated in the Program will sign tomorrow an agreement to establish the Prospective Network.
- The participants of the Prospective Network, together with SENAI and ILO/Cinterfor, will establish a working plan, indicate the prospective studies they want to conduct, and their team members.
- SENAI and ILO/Cinterfor will structure a second Methodology Transfer Program for 2014.
 - VTIs are invited to express their interest in this second edition of the Program.
 - To this end, tomorrow an agreement can be signed by them.
 - Other VTIs will be able to join up to the 30th September.
- VTIs which took part of the first edition of the Program will support the delivery of the second edition.

Goal:

Promote the diffusion and knowledge management of to the prospective studies conducted by VTIs.

Objectives:

- Develop skills in prospective studies.
- Share the progress and the results of prospective studies.
- Share experiences.
- Keep up-to-date with new prospective models, innovations and related events.
- Cooperate in technical support.

Thank you!

Marcello José Pio



Marcello.pio@dn.senai.br



55 61 3317-9878

Visit us: www.senai.br/prospectase