

**S&T policies for development as seen  
from Latin America:**

**Some fairly well known things and  
several things that need further study**

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# I.- Some facts and trends

- **Endogenous STI efforts** are essential for development but very difficult to sustain
- Important efforts have been made in Latin America but **STI is not a priority**
- **Weak interactions** are at the heart of the problem
- Main cause: the neoperipheral insertion of Latin America **does not foster inward oriented STI demand**

# Recapitulation of section I

- **A triangle with fairly important vertexes but, as a rule, weak sides**
- **Relevant aspect: the loneliness of the university actor**
- **In the North, NIS is an *ex-post* notion: it describes reality. In the South, it is mostly a prescriptive *ex-ante* notion**
- **Latin America: weak interactions and real strengths in disconnected NIS**

## **II.- Sketching a point of view**

- **An actors-centered approach to development: interactions and agency**
- **Gardening policies in underdevelopment: detecting, protecting and promoting weak capabilities**
- **Countries with pressing needs should spend in STI? The STI&Inequality gap**

# **STI + Social policies against the STI & Inequality gap**

**Making social issues a priority** for STI efforts

- (i) contributes to solve pressing needs, thus**
- (ii) widening the social legitimacy and political relevance of STI issues, so**
- (iii) STI endogenous capabilities expand, and**
- (iv) they contribute better to social and economic development, while also**
- (v) helping potential actors to become **agents**.**

# III. Studying the garden for STI + Social policies

## 1. Capabilities

- *connections with the S&T Diaspora?*
- *STI in social emergency programs?*

## 2. Opportunities

- *graduates and postgraduates follow-up?*
- *public and private demand of STI, actual and potential?*
- *social demand of STI?*

### 3. Articulations

- *Experiences of innovative linkages?*
- *The “third mission” of universities?*
- *Qualified personnel in firms and other organizations?*
- *Participation of knowledge-weak actors in knowledge linkages? S&T personnel? consulted? participate? entitled to apply?*

## **4. Anticipation**

- *Prospective tasks with several actors?*
- *Opportunities opened by S&T?*
- *Challenges from trade and regulations?*

- **Citizenship, democratization of STI**

- *Public attitudes concerning STI ?*
- *Opinions of special groups?*
- *Stake-holders, decision-making processes and agenda?*

# Conclusion

- **In the Far South we urgently need to learn** about such issues
- **We hope to learn many things, particularly by comparative studies, as *UniDev***
- **Thank you very much!**