

Swiss TPH



Swiss Tropical and Public Health Institute  
Schweizerisches Tropen- und Public Health-Institut  
Institut Tropical et de Santé Publique Suisse

# **Science for Diplomacy: Contributions of the Swiss Tropical and Public Health Institute**

**6th High-Level Symposium on Global Health Diplomacy:  
Health diplomacy meets science diplomacy**

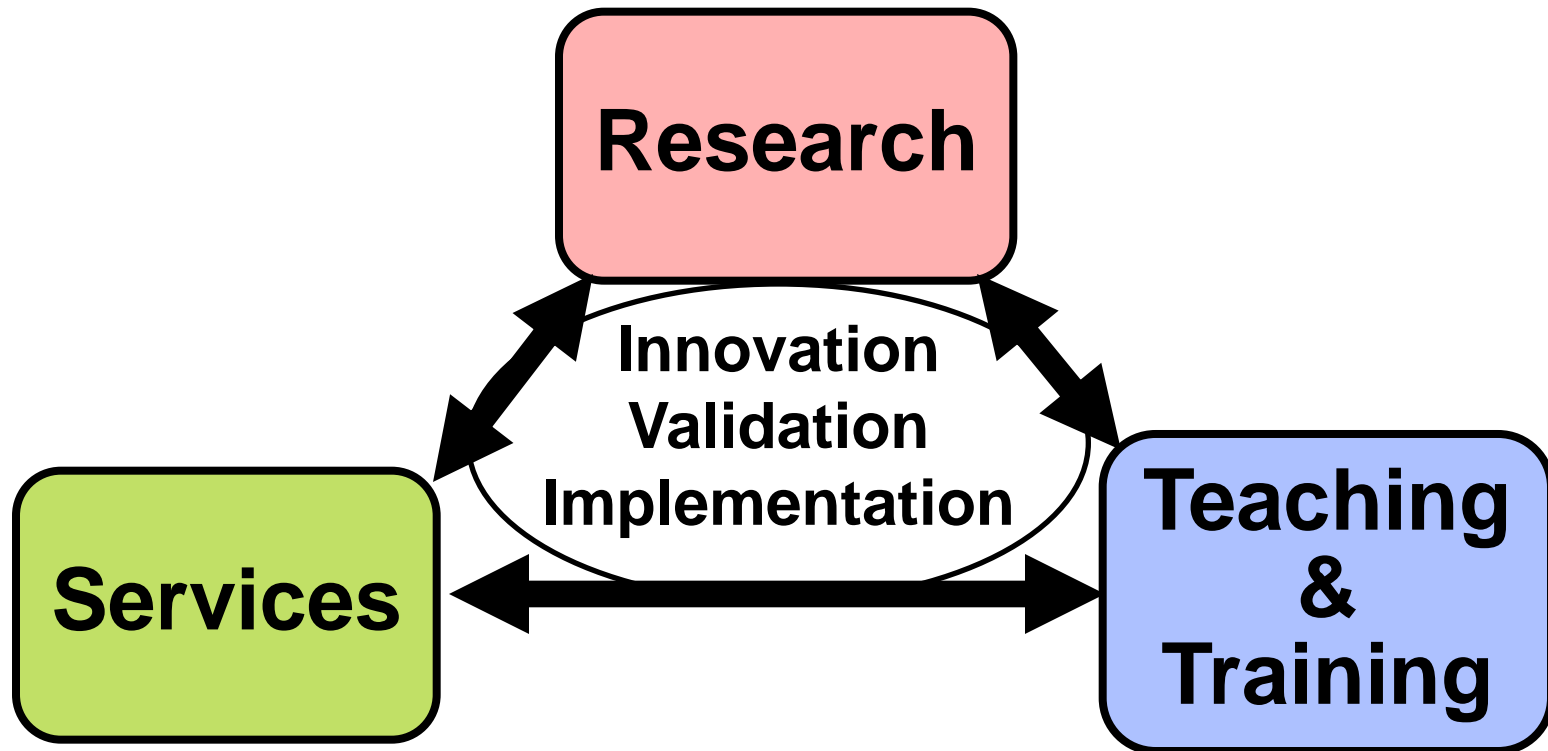
**Nicolaus Lorenz**

**The Graduate Institute, Geneva**

**12 November 2013**



# The Approach of the Swiss Tropical and Public Health Institute





## **Science for Diplomacy /Diplomacy for Science**

- **«Hands on» Health/Science Diplomacy in the Northern Caucasus**

## **Science in Diplomacy /Diplomacy for Science**

- **Advicing the Swiss Government**

## **Science for Diplomacy /Diplomacy for Science**

- **Facilitating exchange between business and international partners**



## Science for diplomacy/Diplomacy for Science

# Health Sector Support as a Bridge to Peace in Northern Caucasus

- Health Promotion in the region has improved
- Scientific collaboration has been established
- Facilitating technical exchange has improved “atmosphere” between the three Republics





WORLD ECONOMICS

# INNOVATION SCORECARD

How well do mature and emerging nations capitalize on science?

Since 2007 economists from Cornell University, INSEAD and the World Intellectual Property Organization (WIPO) have issued the annual Global Innovation Index (GII), a report that sizes up the innovative capacities and results of the world's economies. This year's report includes data on 142 economies, which represents 94.9 percent of the world's population and 98.7 percent of global GDP. How does one measure something as abstract as "innovation"? The GI

researchers use 84 data points ranging from political stability to ease of starting a business to the number of Wikipedia edits originating there every year. This year's big-picture findings: R&D spending has rebounded around the world after suffering in the wake of the global financial crisis. The same high-income usual suspects—the wealthiest European countries in particular—dominate the top of the list. The BRIC nations—Brazil, the Russian Federation,

India and China—all slipped in this year's rankings. R&D spending is growing more quickly in emerging markets than in rich countries. And unexpected players such as Costa Rica, Uganda and Moldova are doing impressively well with comparatively little. **M**

**MORE TO EXPLORE**

The Global Innovation Index 2013: The Local Dynamics of Innovation. Edited by Soumitra Dutta and Bruno Larvin. Cornell University, INSEAD and WIPO, 2013. <http://globalinnovationindex.org>

The Global Information Technology Report 2013: Growth and Jobs in a Hyperconnected World. Edited by Betsy Brisco-Ostros, Soumitra Dutta and Bruno Larvin. World Economic Forum and INSEAD, 2013. <http://reports.weforum.org/global-information-technology-report-2013>

Nature Publishing Index. Available at [www.nature.com/en/publishing-index](http://www.nature.com/en/publishing-index)

**KEY**

Country names are color-coded based on their Innovation Efficiency Ratio, which measures how much innovation output that country is getting for its inputs.

- EFFICIENT INNOVATORS  
Innovation efficiency ratios above the median
- INEFFICIENT INNOVATORS  
Innovation ratios below the median

**Most Improved Low-Income Nations**

Uganda (which has surprisingly high levels of R&D spending coming in from abroad) and Costa Rica (which ranked third globally in the density of new business registrations) were the biggest gainers among the low-income tier.

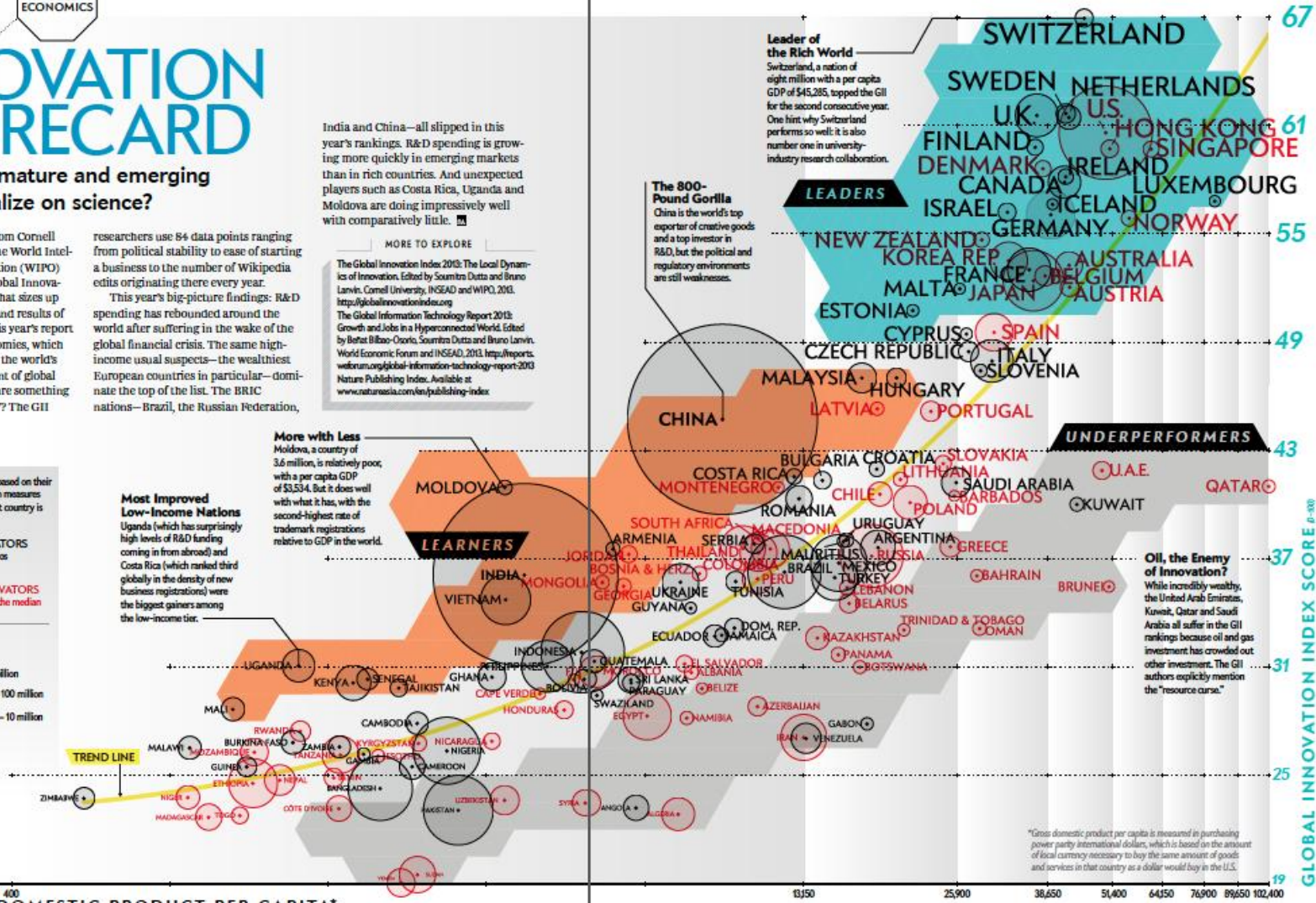
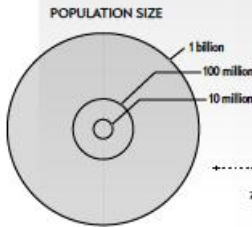
**More with Less**  
Moldova, a country of 3.6 million, is relatively poor, with a per capita GDP of \$3,534. But it does well with what it has, with the second-highest rate of trademark registrations relative to GDP in the world.

**LEARNERS**

INDIA, VIETNAM, MONGOLIA, SOUTH AFRICA, ROMANIA, ARMENIA, THAILAND, BOSNIA & HERZ, GEORGIA, UKRAINE, GUYANA, JORDAN, MOLDOVA, MONTENEGRO, ROMANIA, CROATIA, SLOVAKIA, LITHUANIA, SAUDI ARABIA, POLAND, BARBADOS, KUWAIT, QATAR, U.A.E.

**UNDERPERFORMERS**

**Oil, the Enemy of Innovation?**  
While incredibly wealthy, the United Arab Emirates, Kuwait, Qatar and Saudi Arabia all suffer in the GI rankings because of oil and gas investment has crowded out other investment. The GI authors explicitly mention the "resource curse."



GROSS DOMESTIC PRODUCT PER CAPITA\*

GLOBAL INNOVATION INDEX SCORE (0-100)

\*Gross domestic product per capita is measured in purchasing power parity international dollars, which is based on the amount of local currency necessary to buy the same amount of goods and services in that country as a dollar would buy in the U.S.

SOURCE: THE GLOBAL INNOVATION INDEX 2013: THE LOCAL DYNAMICS OF INNOVATION, EDITED BY SOUMITRA DUTTA AND BRUNO LARVIN, CORNELL UNIVERSITY, INSEAD AND WIPO, 2013



## **Diplomacy for Science/Science in Diplomacy**

**Bern, 25.8.2010**

**Swiss delegation led by Federal Councillor Didier Burkhalter travels to Brazil to discuss health and scientific cooperation....**

**Bern, 01.05.2012**

**Switzerland and South Africa step up cooperation on science  
A high-level Swiss delegation led by the State Secretariat for Education and Research arrived in South Africa last week and met their counterparts from the South African Department of Science and Technology to discuss the main points of the second phase of cooperation under the bilateral agreement signed in 2007.**

**...since 1990 Swiss TPH provides a backstopping mandate for the Government....SDGs**



## Science in Diplomacy/Science for Diplomacy

# **Vietnam boosts healthcare cooperation with Switzerland**

**Deputy Prime Minister Nguyen Thien Nhan on August 31 visited several medical and pharmaceutical centres in Basel city to share experience in training and seek opportunities for cooperation. He called on the Swiss Tropical and Public Health Institute (TPH), a world renowned institution for teaching, research and services in the field of International Health Development.....**

**September 1, 2012 Vietnam Breaking News**



**....the world might be a better place if  
diplomacy would be more rooted in science**

**....but be aware of the fact that there is more than one  
Dr. Strangelove in science.**





**Merci**

**Thank you**