



CTIF Introduction

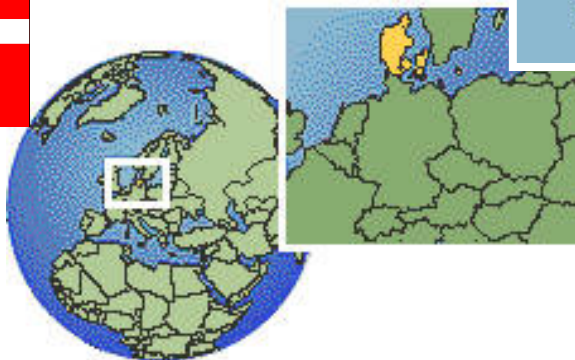
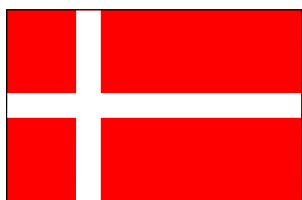
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ITU Standards Education Webinar
April 30, 2012

Denmark: Facts

- Aalborg
 - Population: 200 000
 - Aalborg University and Center for TeleInfrastruktur



Area : 43 094 km²

Population: 5.6 millions

Denmark: Facts

- No. 2 in e-readiness¹ worldwide
- No. 3 in the world on availability of information technology skills²
- No. 4 in the world on development and application of technology²
- No. 2 of 31 European countries in innovation³
- World's happiest country⁴

¹Economist Intelligence Unit, June 2010

²The World Competitiveness Yearbook, IMD 2009

³Innovation Union Scoreboard, October 2010

⁴Gallup World Poll, April 2012



Introduction



Aalborg University

- Founded in 1974
- 14,000 students. Approximately 1750 of these are from abroad;
- Approximately 400-500 students are enrolled in the Faculty of Engineering, Science and Medicine.
- Since 1996 AAU offers engineering programmes for International M.Sc. E.E. degree in :
 - Mobile Communications
 - Digital Communications
 - Acoustics
 - Multimedia Communication
 - RF Technology
 - Network Planning & Management
 - Software Defined Radio
 - Innovative Communication Technologies and Entrepreneurship

CTiF: Divisions - Current and Planned

GISFI – Global ICT standardisation Forum for India
<http://www.gisfi.org/>
I4CT – International Institute for Innovation in ICT




CTIF-USA
Princeton, 26-04-2011



CTIF-Italy
Rome, 28-09-2006

CTIF-South-East-Europe
Greece 

CTIF-HQ 
Aalborg, 29-01-2004

CTIF-CPH 
Copenhagen, 11-03-2008



CTIF-China

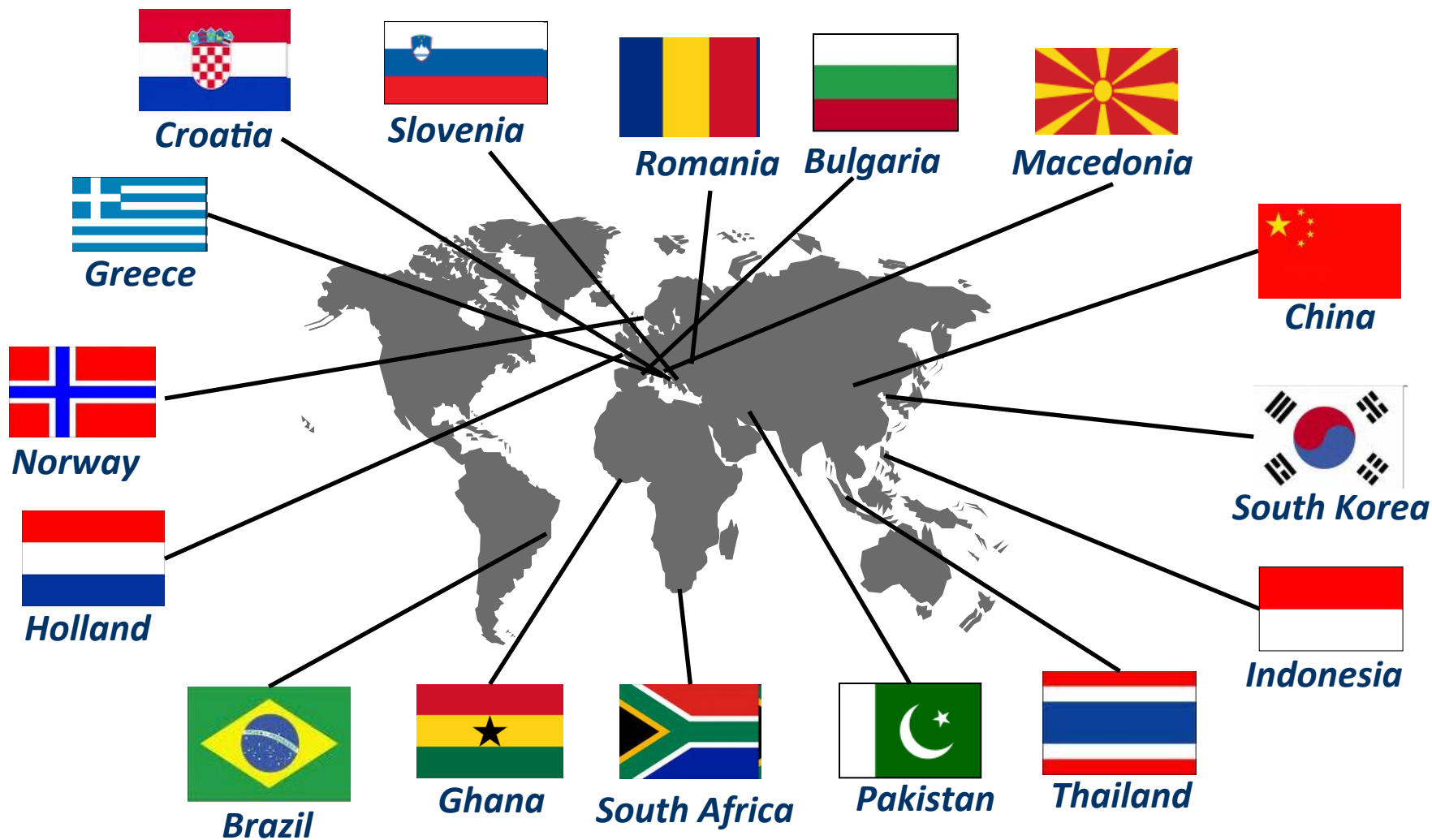


CTIF-Japan
Yokosuka, 03-10-2008



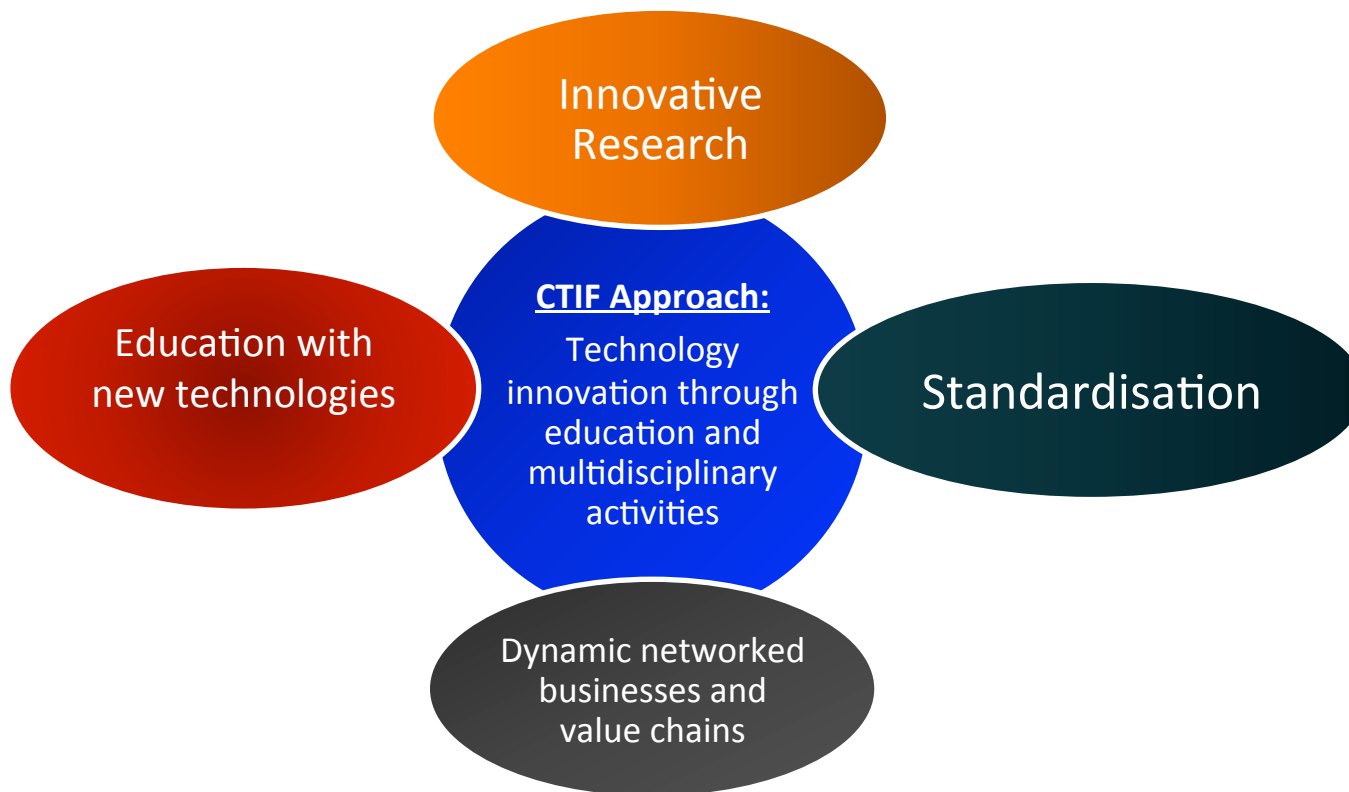
CTIF-India
Kolkata, 07-12-2007

CTiF: Networks



CTIF: Concept

CTIF is a global ICT-based inter- and cross disciplinary research center with focus on scientific innovation and academic education





CTIF



CTIF: Expertise and Thematic Areas

- Security and Management
- Cognitive and cooperative radio networks
- Spectrum Sensing and sharing
- Green ICT
- Internet of Things
- Cognitive Communications
- Network without Borders
- Embedded and Optimal Resource Computing
- Multimedia Applications and Services
- Positioning and Localization
- Personalized Medicine
- Experimental activities to support above research

CTiF: PBL

Problem-based learning (PBL) is a student-centered instructional strategy in which students collaboratively solve problems and reflect on their experiences.

Characteristics of PBL are:

- Learning is driven by challenging, open-ended problems.
- Students work in small collaborative groups.
- Teachers take on the role as "facilitators" of learning.



CTIF: Education



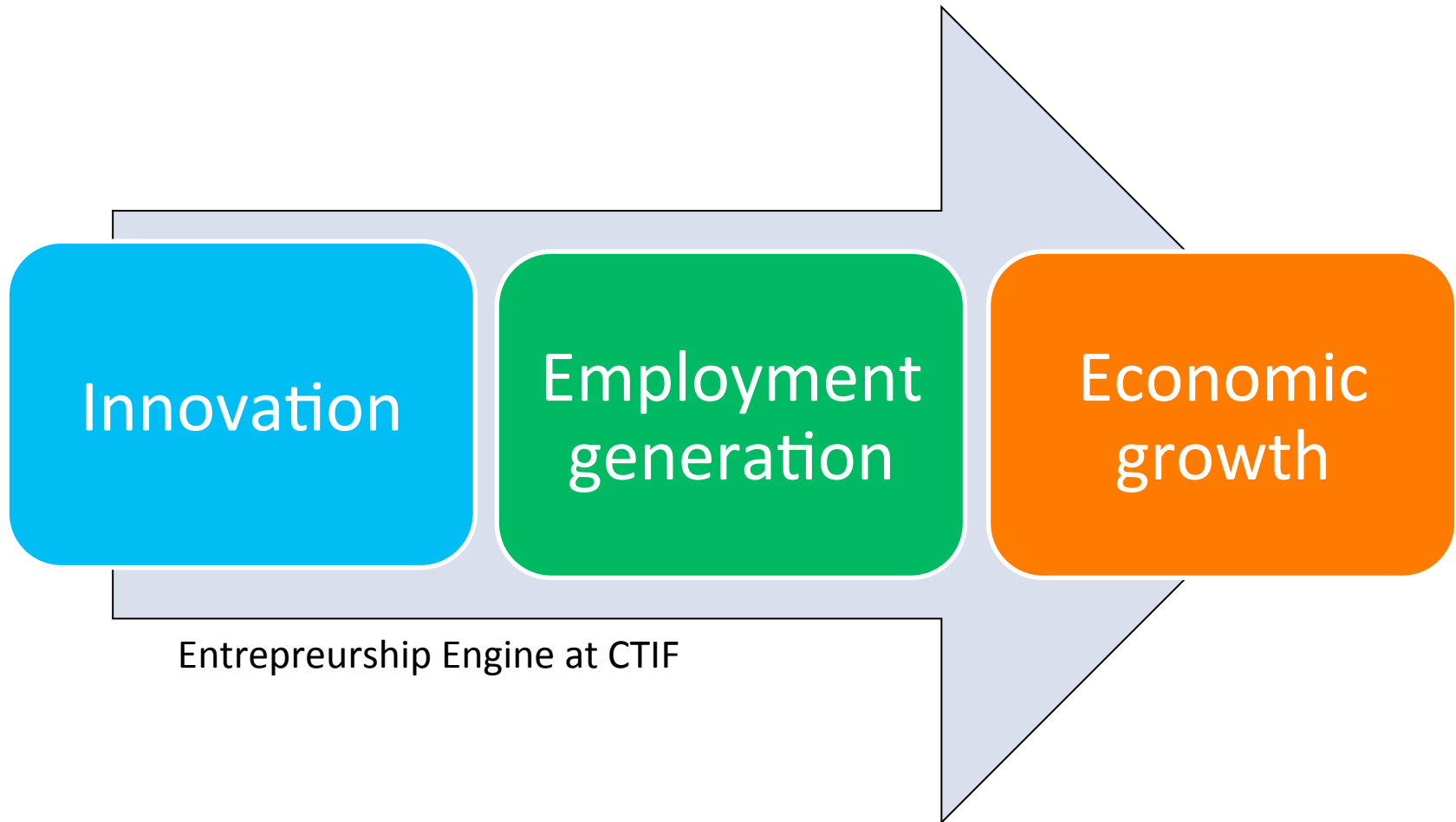
CONNECTING TO THE FUTURE



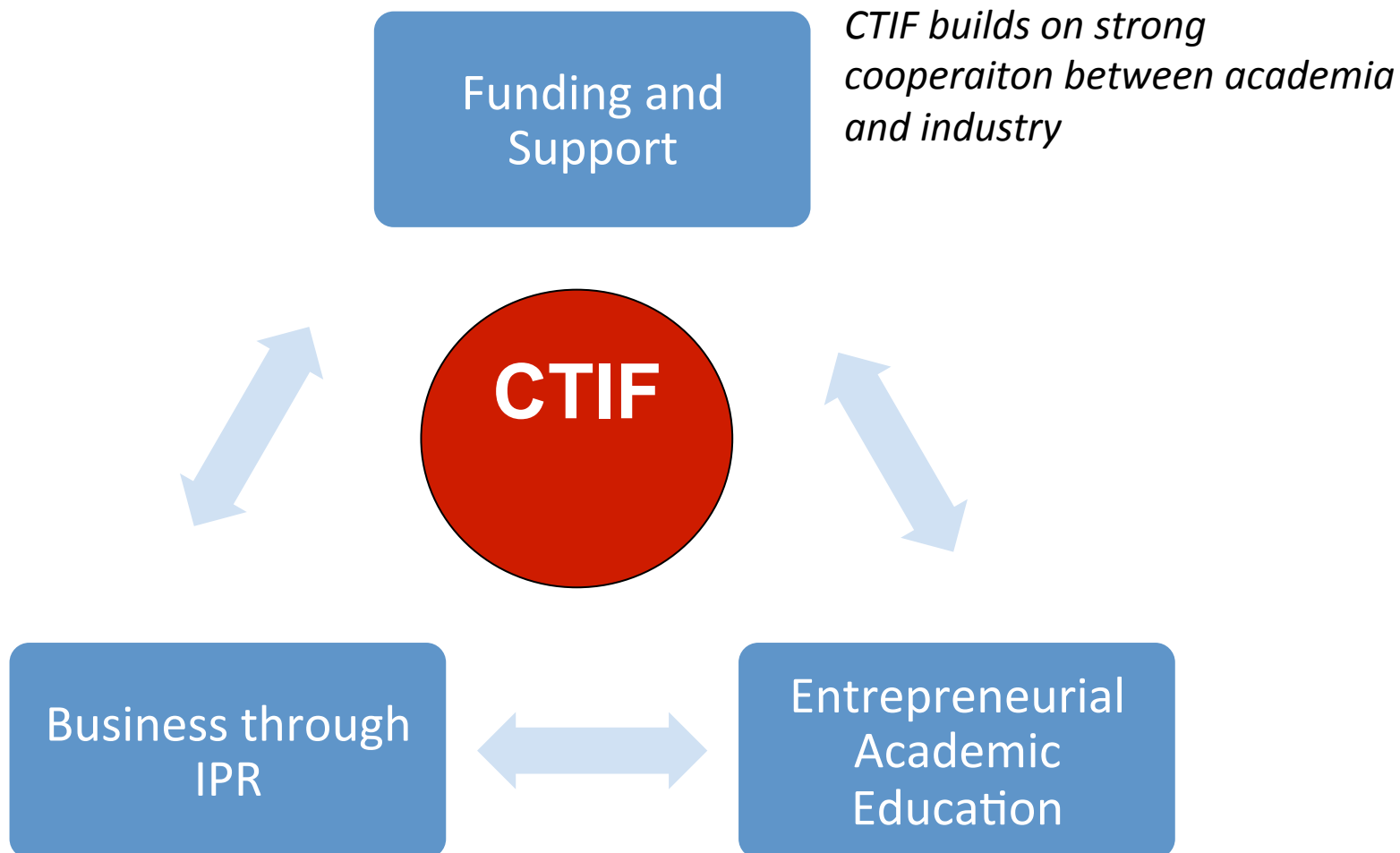
Innovative Communication Technologies and Entrepreneurship — CTIF Master Programme

<http://www.ctif.aau.dk/Master+Program/>

CTIF: Concept of Entrepreneurship in Education



CTIF: Main Elements





ICTE

CONNECTING TO THE FUTURE

Thank you!

Innovative Communication Technologies and Entrepreneurship — CTiF Master Programme

<http://www.ctif.aau.dk/Master+Program/>