

# THE NEW CULTURE OF INNOVATION

## Africa in the Age of Technological Opportunities

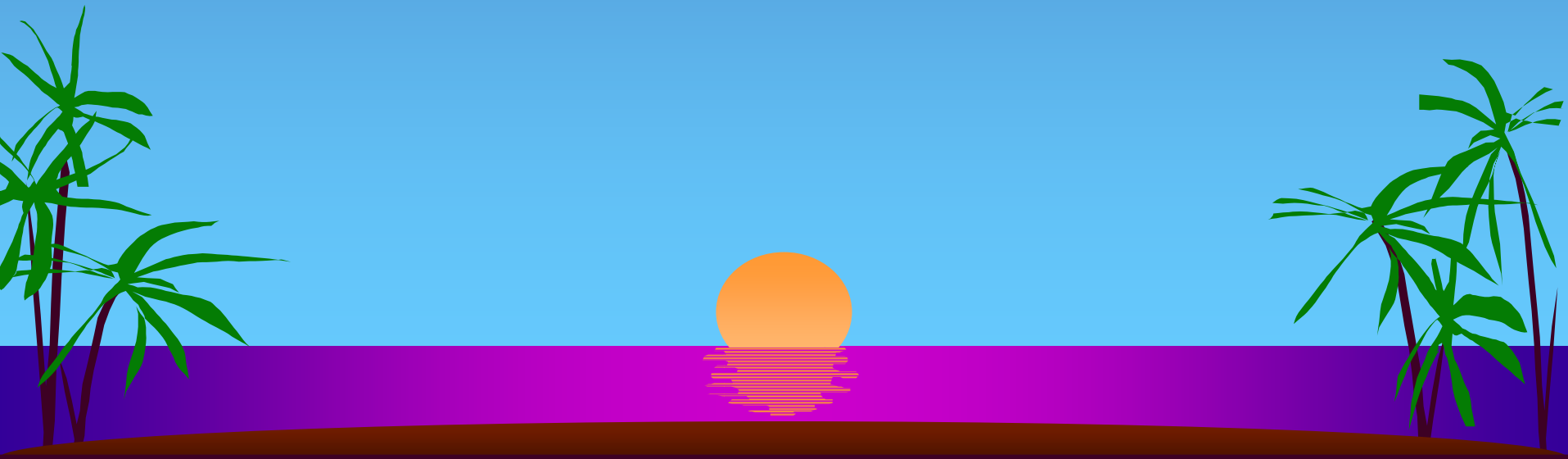
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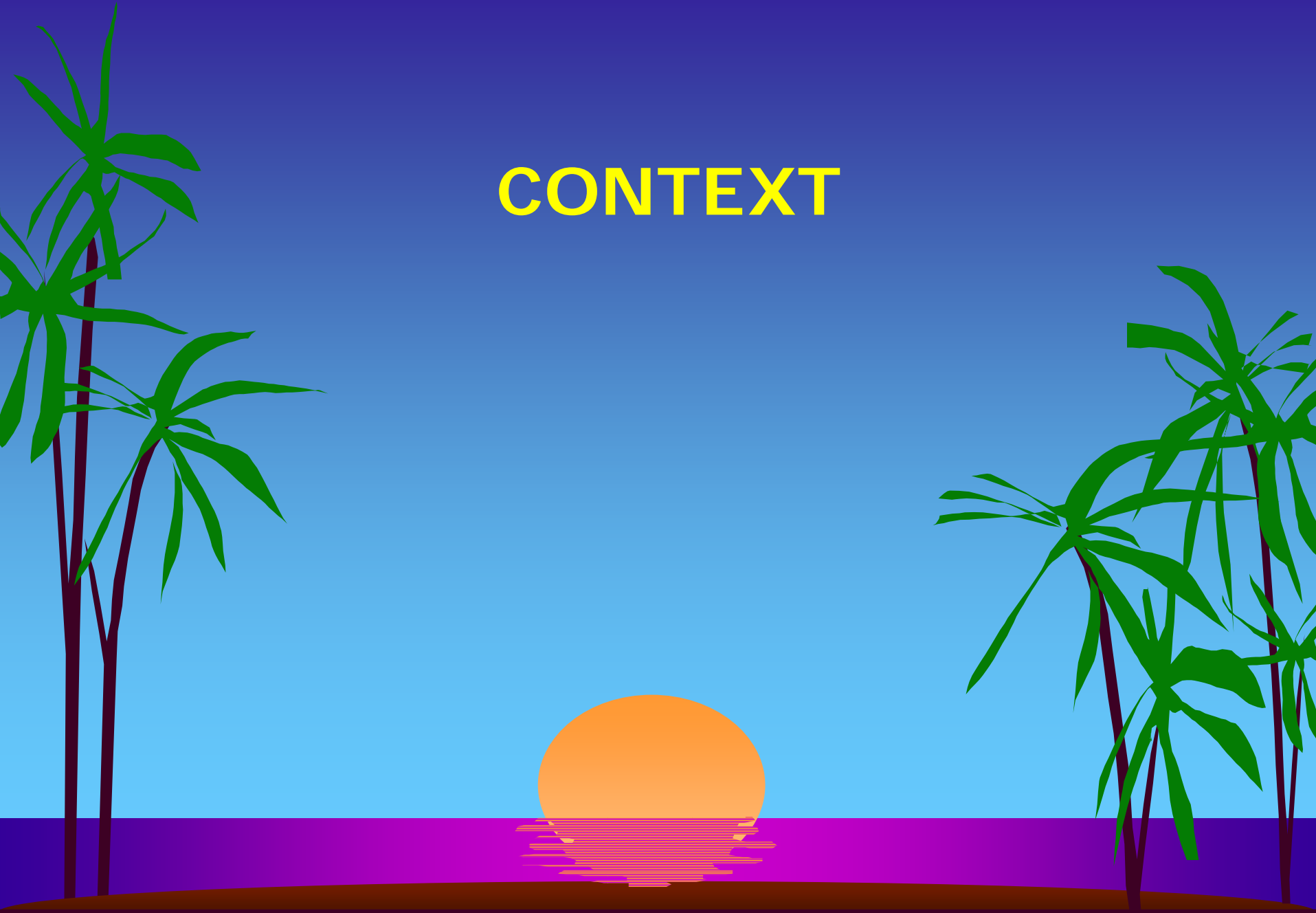
8<sup>th</sup> African Union Summit  
29-31 January 2007  
Addis Ababa

# Outline

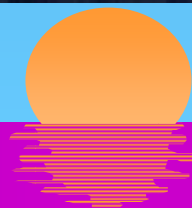
The age of technological opportunities  
Reforming higher technical education  
Executive leadership



# CONTEXT



# Rescue missions



# Innovation



# Responding to challenges



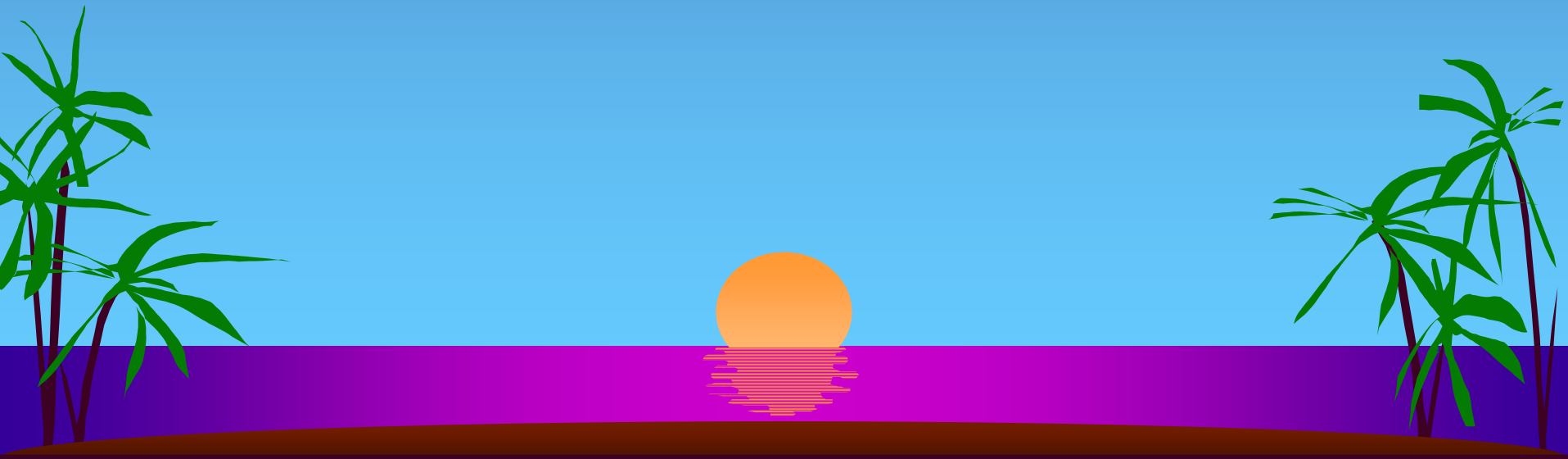
# Priority areas

Meeting basic needs

Participating in the global economy

Protecting the environment

Improving governance



# LEARNING TO DEVELOP





# Lessons learned

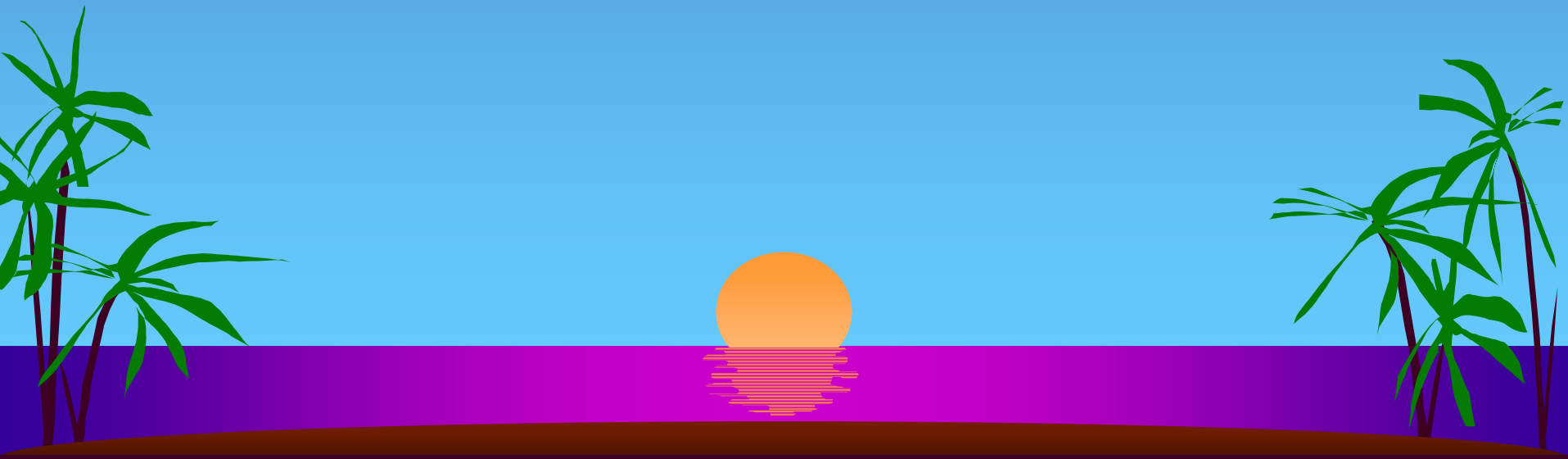
Development as a learning process

Knowledge as the currency of change

Institutions as carriers of social lessons

Business as the locus of growth

Government as a facilitator



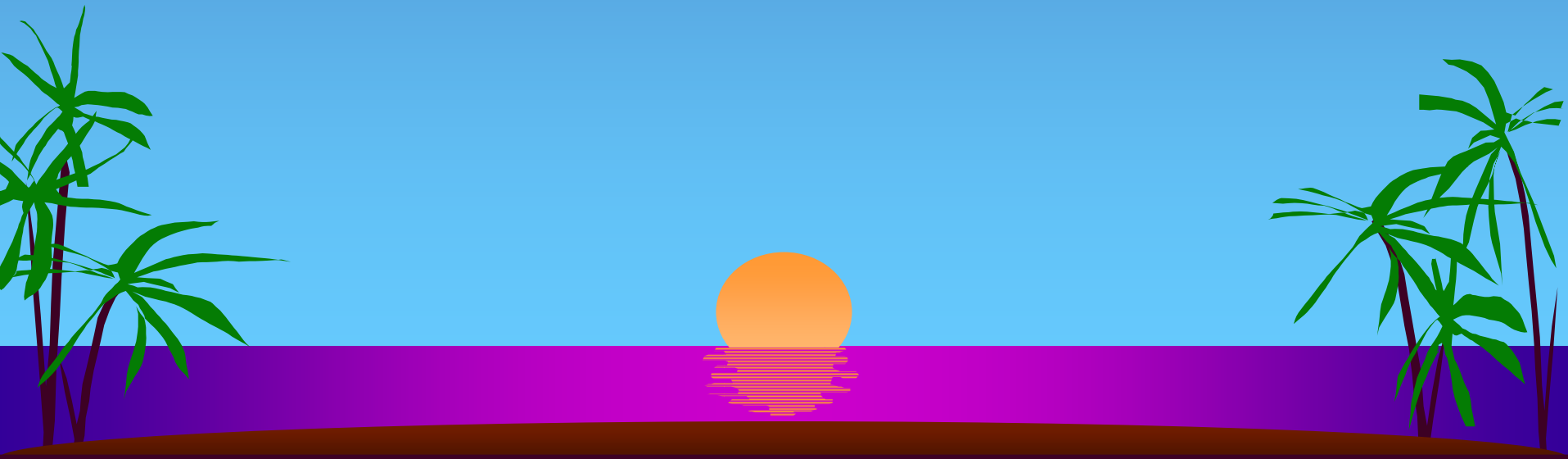
# Technology domestication

Use of existing knowledge

Strategic alliances

Generating new knowledge

Knowledge-based institutions



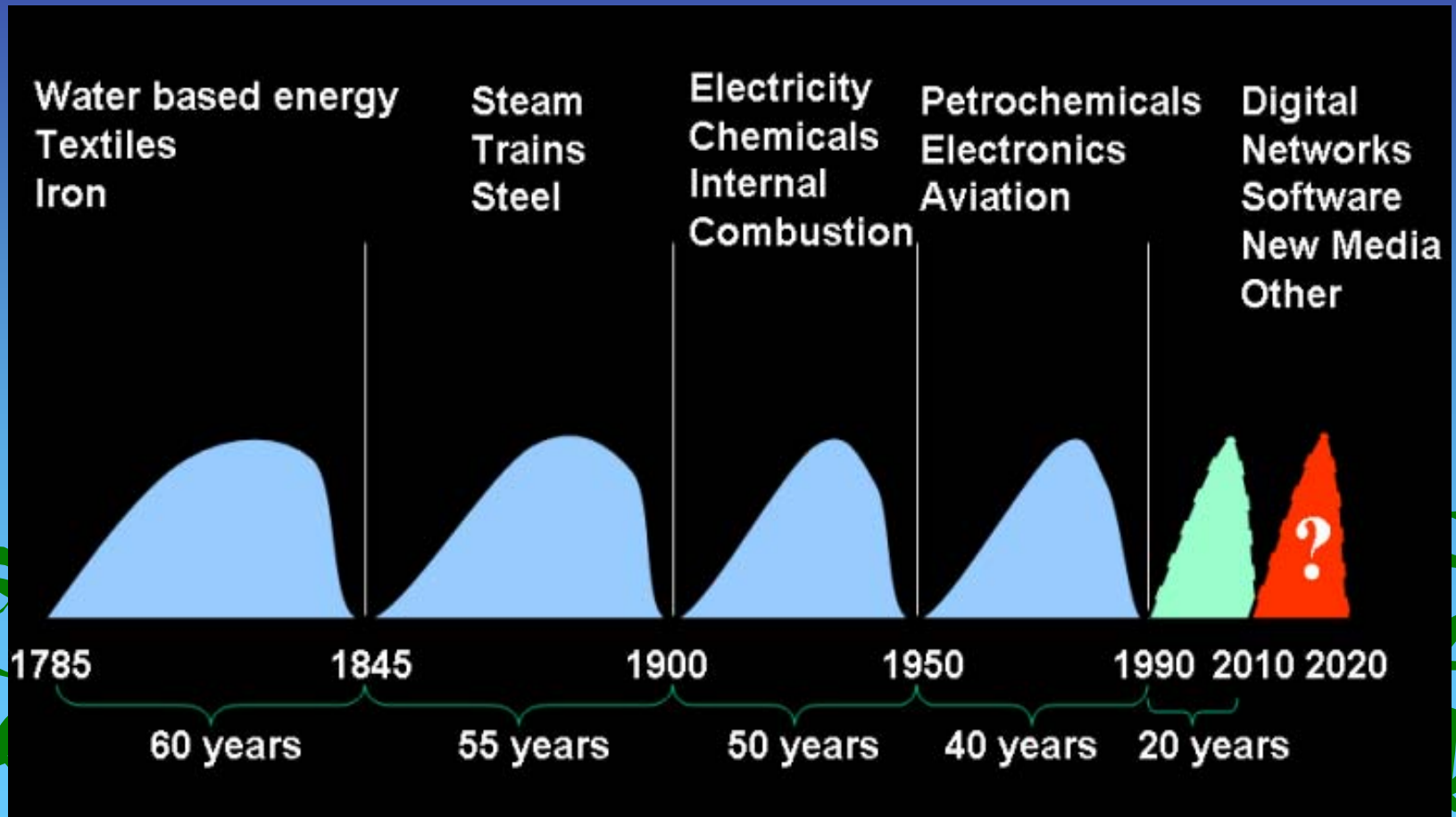
# THE AGE OF TECHNOLOGICAL OPPORTUNITIES



# Information waves



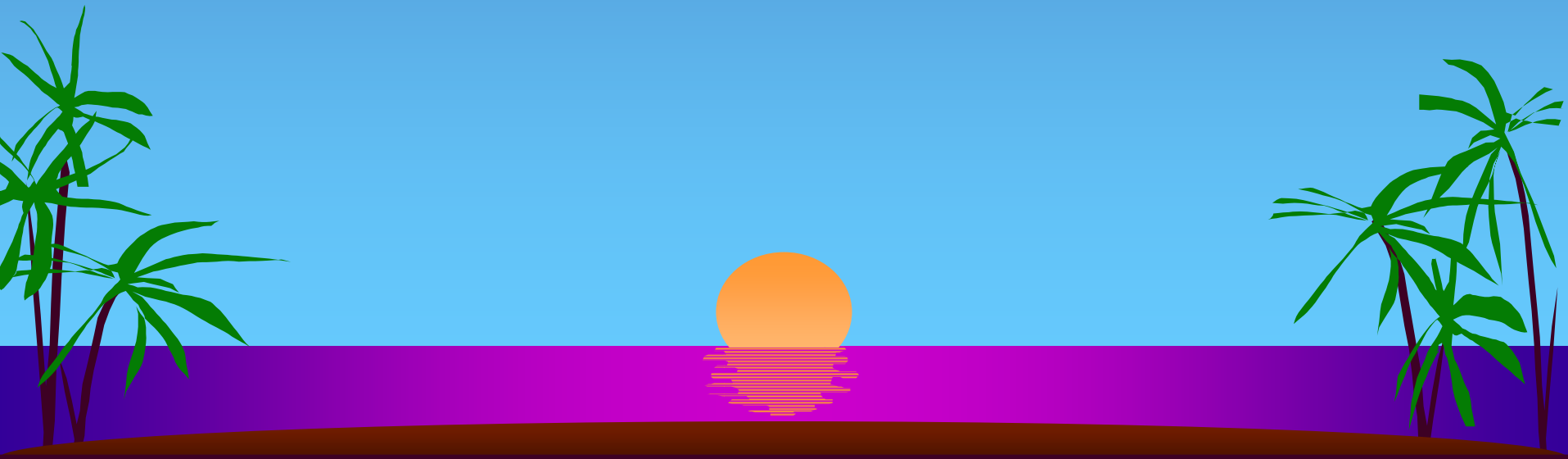
# Technology cycles



# Information technology

Communications: mobile phones

Education: learning technologies



# New learning technologies



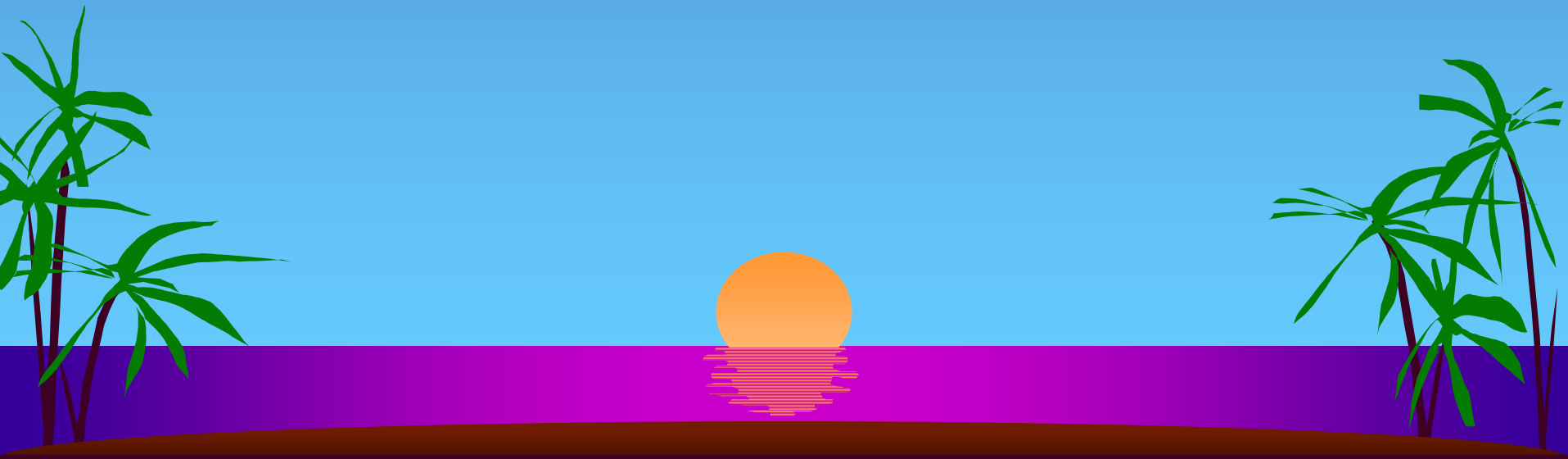
# Biotechnology

Agriculture

Human health

Environment

Industry and energy

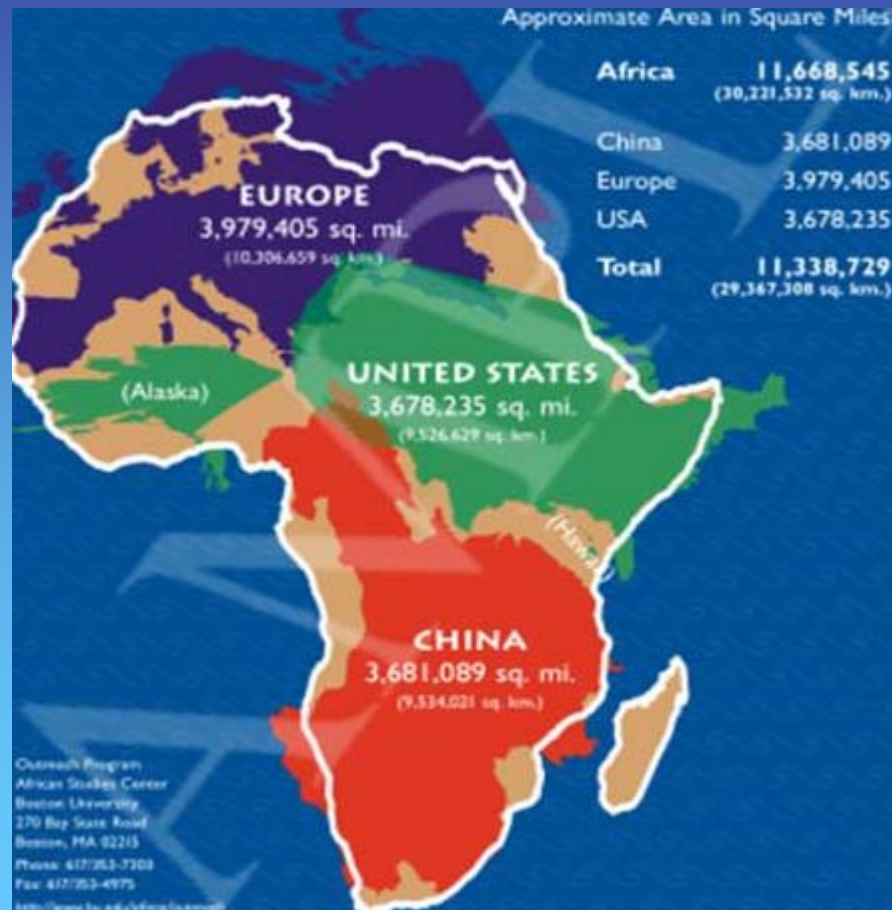




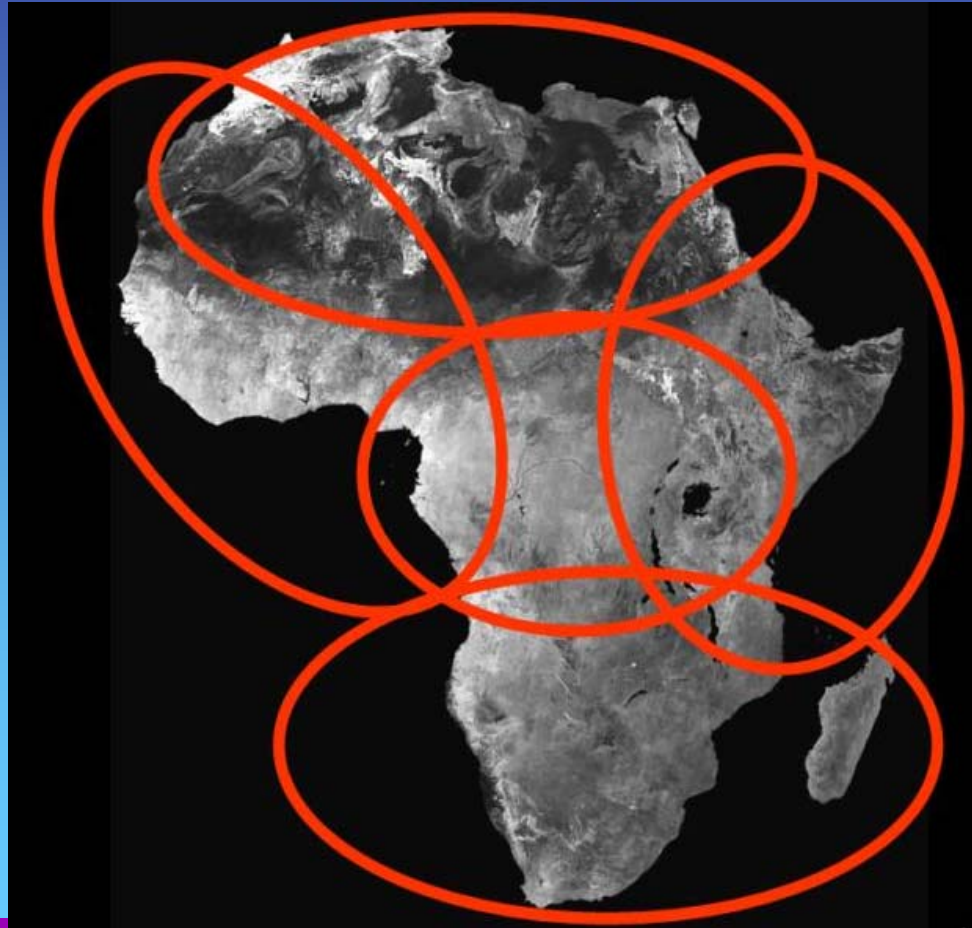
# STRATEGIC CONSIDERATIONS



# Africa is big



# Regionalism



# Priority areas

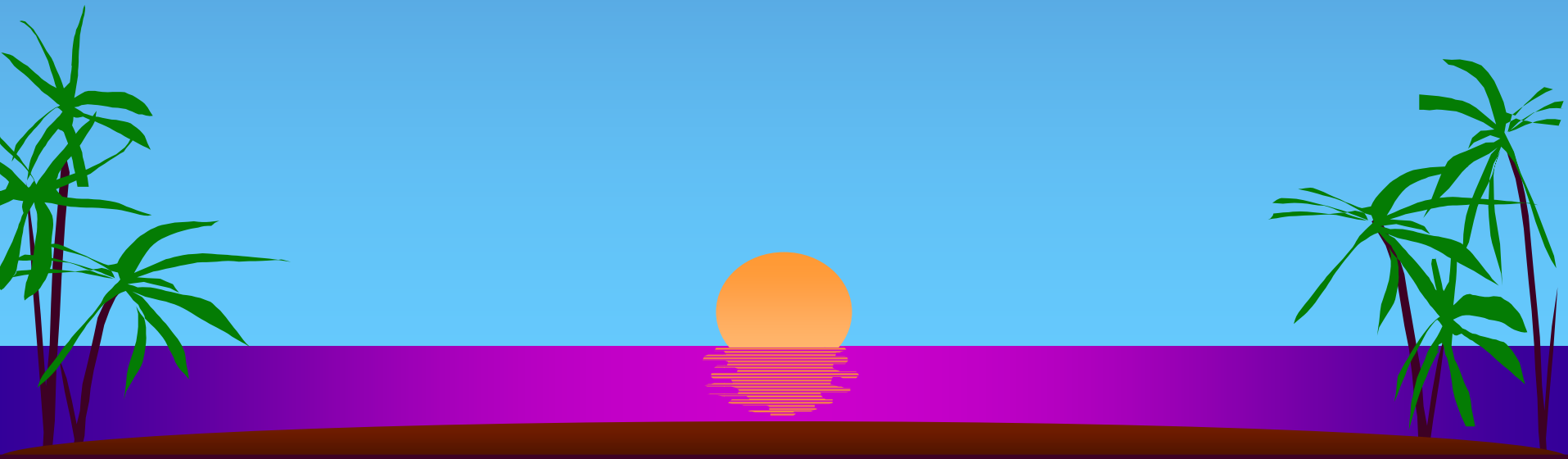
**Build infrastructure**

**Reform higher technical training**

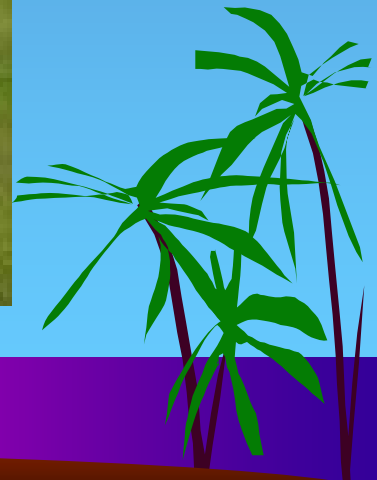
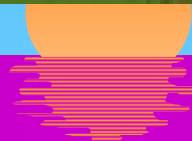
**Foster entrepreneurship**

**Join the global knowledge ecology**

**Strengthen science diplomacy**

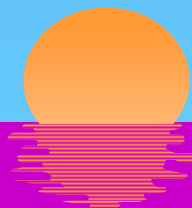


# EARTH University Costa Rica



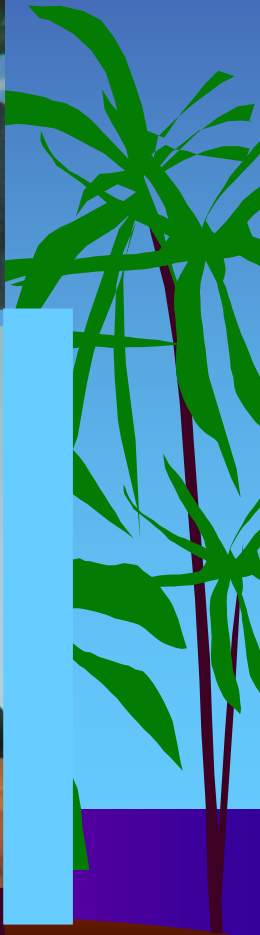
# The mission of EARTH

- ♦ To be a leader in university education, committed to the formation of 'agents of change' with strong ethical and human values, social and environmental consciousness, and an entrepreneurial mentality, who are committed to serving others.





# Executive support



# The EARTH learning model

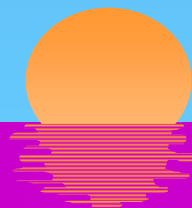
Work experience

Entrepreneurial development

Social and community interaction

Internship

Graduation research project





# Work experience



# Entrepreneurial project



# CULTURE OF INNOVATION



# Getting started

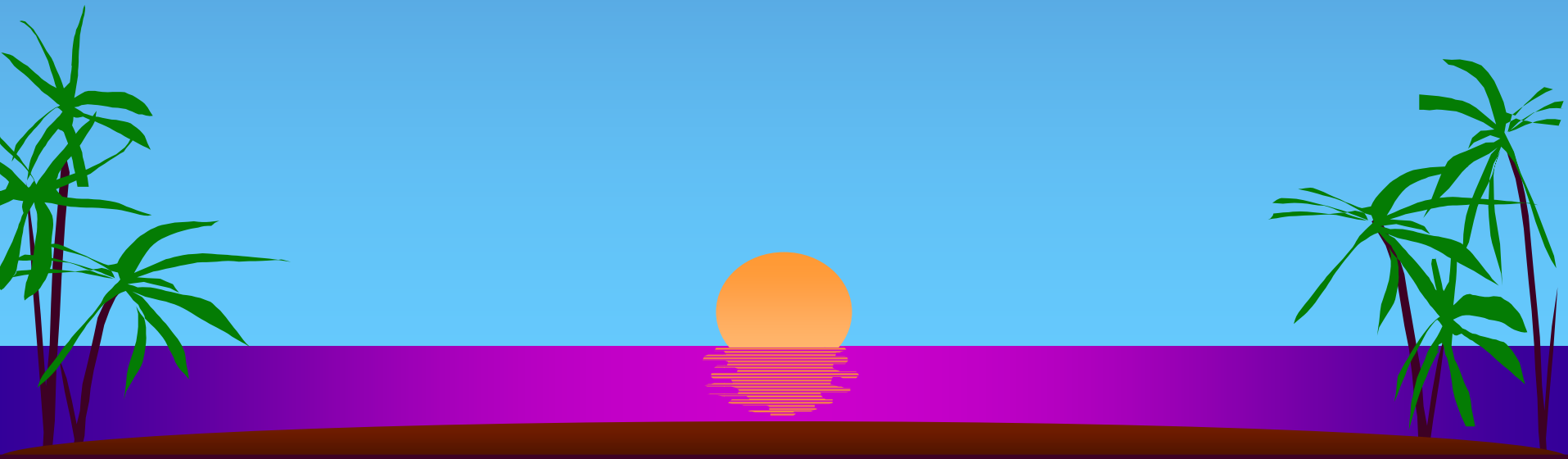
Innovation areas

Technology prospecting

Technology alliances

Financing

Setting regulatory standards



# Executive champions

Strategic vision

Technology missions

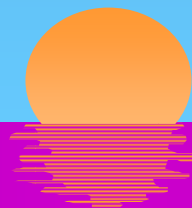
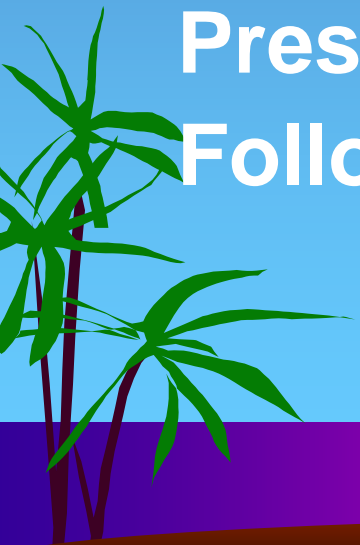
Aligning government structures

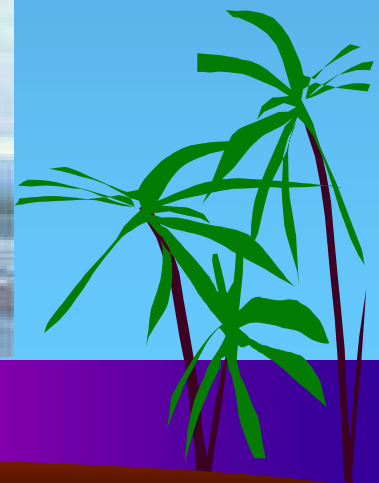
Science and technology advise

Complementary institutions

Presidential consultations

Follow-up arrangements





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