

# **CIPIH WORKSHOP**

**30-31 May & 1 June 2005**

## **Theme A**

**Discussant Session 3: Current priorities for R&D**

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## **Drivers: (Developing Country Context)**

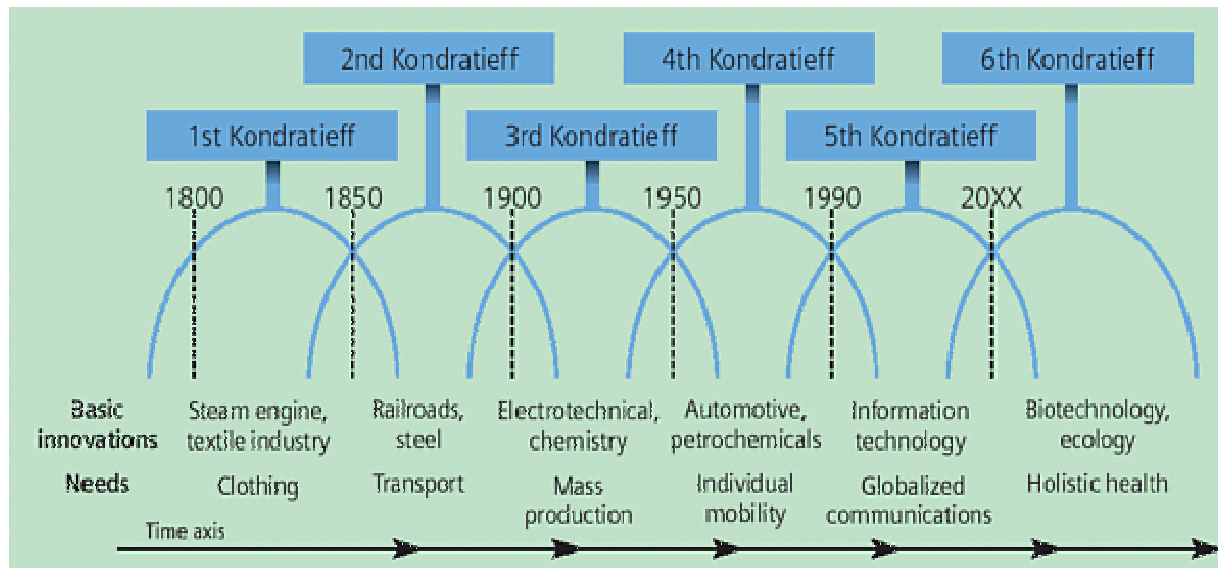
- Technology Revolution
- Triple Burden of Disease
- Developmental Agenda
- Institutional Capacity
- Innovation Platforms
- Globalization



## **Strategic Response**

Sustainability  
Impact  
Focus  
Resources

# Technology Revolution



We are now in the 6<sup>th</sup> Kondratieff Curve

## In the midst of a Technology Tsunami

- Diagnosis > 10 000 (ICD)
- Procedures > 5 000 (CPT)
- Devices > 6 000
- Brands/Models > 750 000
- Manufacturers > 10 000
- Drugs > 100 000
- Active Substances > 5 000

As a result Institutions (particularly in developing countries) are battling to keep abreast with research on implementation rather than R&D

# Triple Burden of Disease for DC's

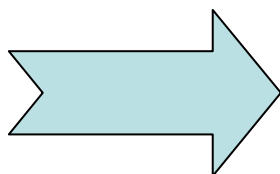
## •Diseases related to poverty and under development

- Perinatal/Maternal
- Respiratory
- Diarrheal
- Tuberculosis

## •HIV/AIDS

## •New Emerging BOD

- Cardiovascular
- Diabetes



## Challenges for R&D & Innovation

Lower Cost methods and improved delivery

Low-cost prevention and diagnosis

Improved vaccines

New and cheaper drugs

**Traditional medicines**

WHO predicts that one of the major BOD's in 2010 will be bi-polar depression

# Socio-Economic Development Agenda

**“Good Health is a fundamental goal of development, as well as the means of accelerating it “ –**

World Development Report, 1993

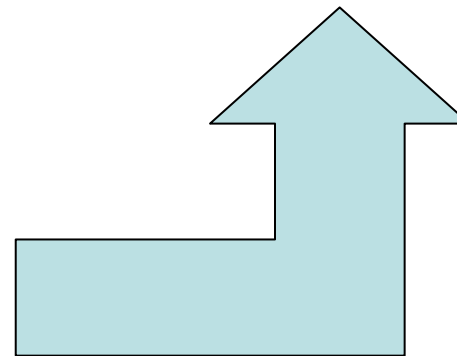
## Indicators

- NEPAD
- New Investment promises (USA,UK, Germany)
- Debt cancellation
- Greater understanding of the impact of global poverty and BOD by governments and industry
- Big Pharma are on board

•Alignment with the developmental agenda vs. global competitive agenda

•Increased participation in Global Health Initiatives

•Developmental funding opportunities



## Some Important Developing Country issues:

- Adopt a holistic approach to disease
- The problems and solutions need to be co-researched, co-developed and co-owned by the DCs (NO big brother approach)
- Need to integrate social , economic and political realities with the R&D priorities
- Need to integrate the products with the people and the systems
- Ignore Traditional Medicines and local culture at your peril!

and remember.....

*Health and Wealth are directly correlated*