



REPORT OF THE BP PRE-CONFERENCE WORKSHOP ON “CLEAN COOKING FUELS” 16-17 JUNE 2008

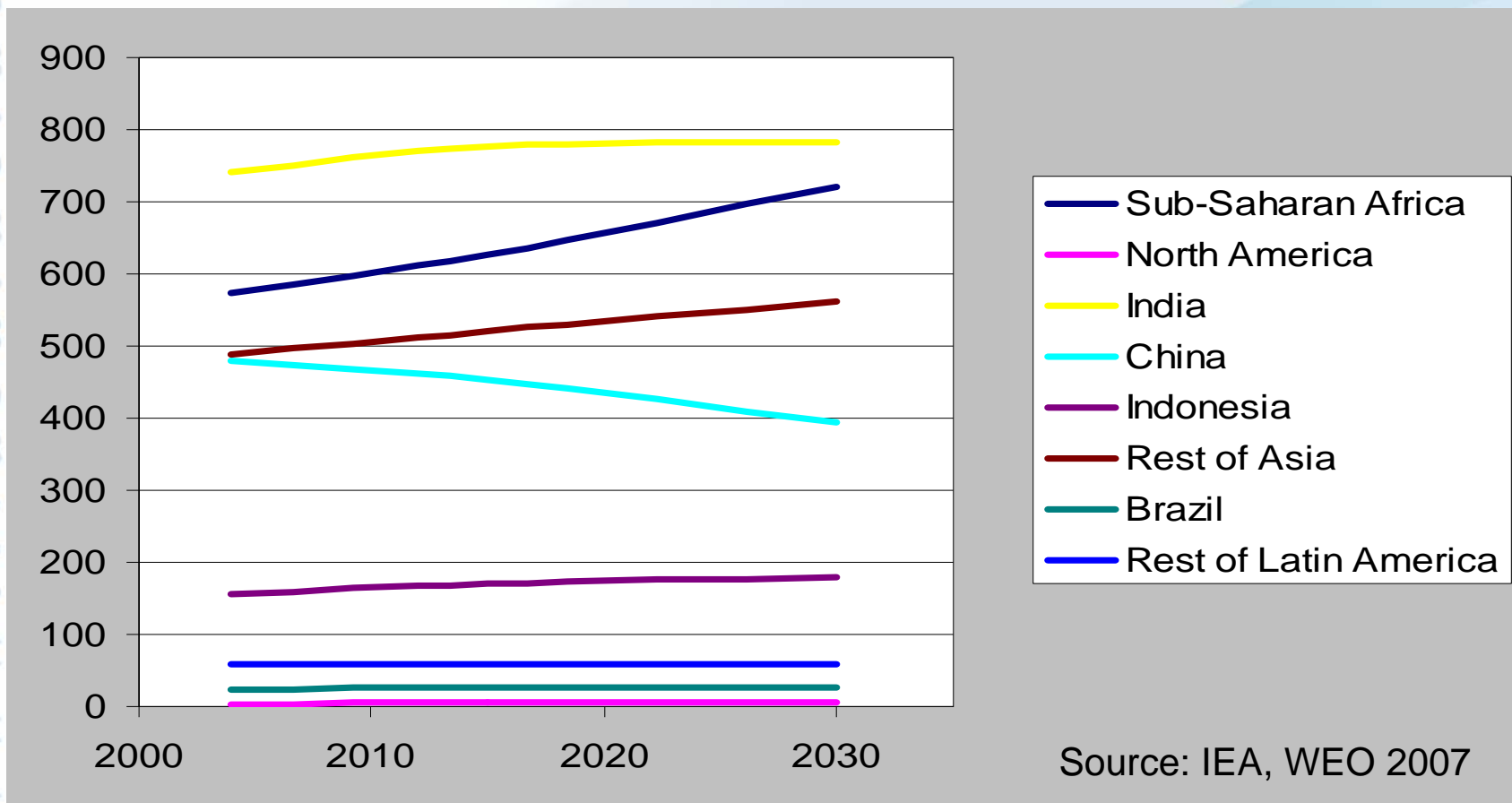
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19 June 2008

Presented at the 31st IAEE Conference

People Reliant on Traditional Biomass

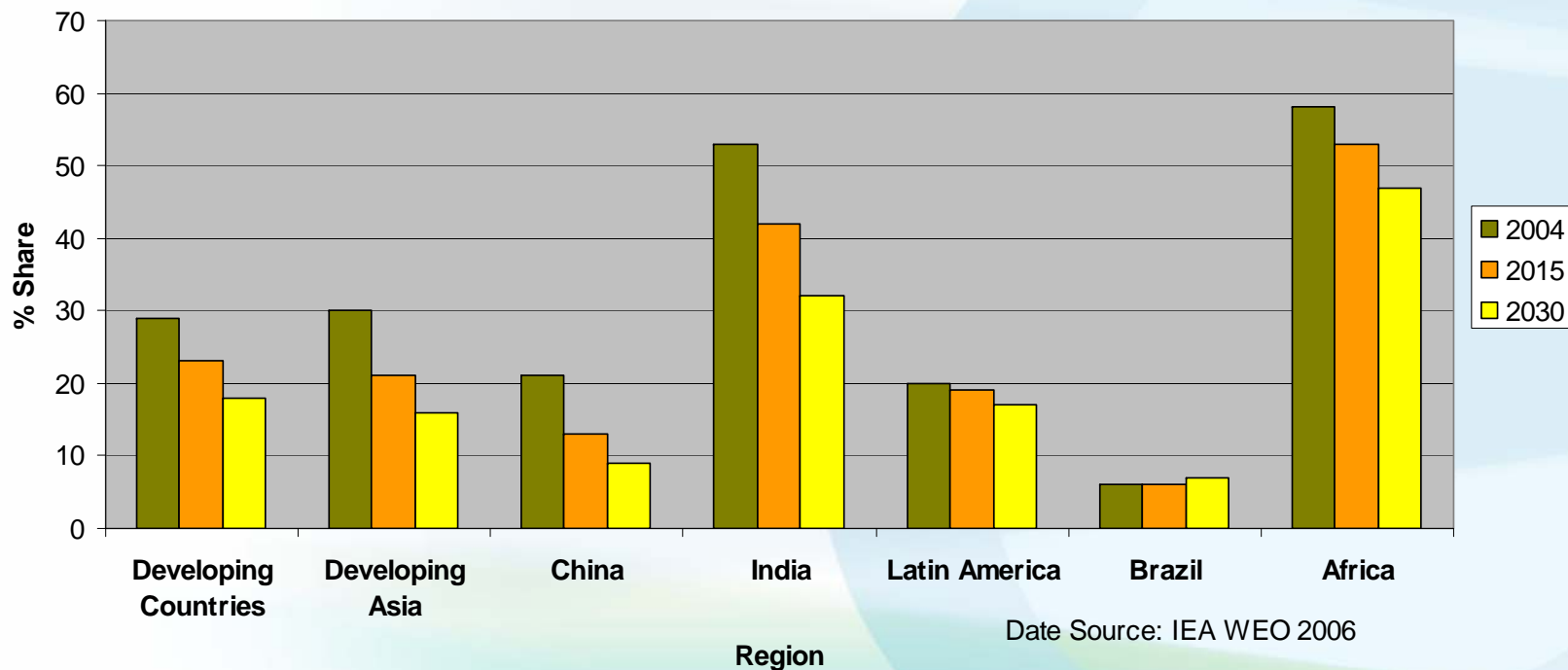
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2.5 billion new customers for clean cooking fuels/ technologies entering the market place

Share of Biomass Consumption

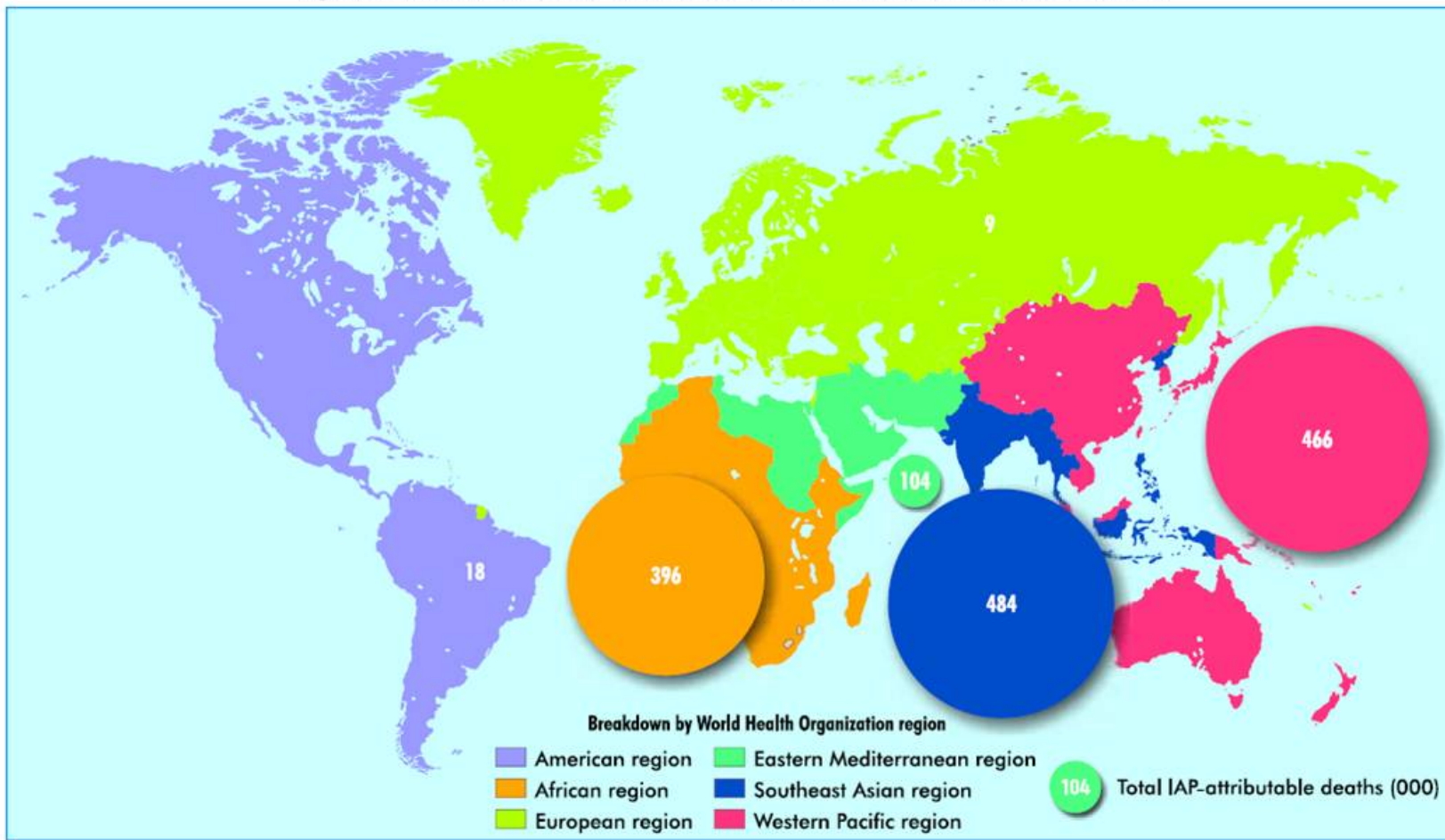
Share of Biomass and Waste in Total Final Energy Consumption



The Health Impacts of Solid Fuel Use

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Figure 15.4: Deaths per Year Caused by Indoor Air Pollution, by WHO Region

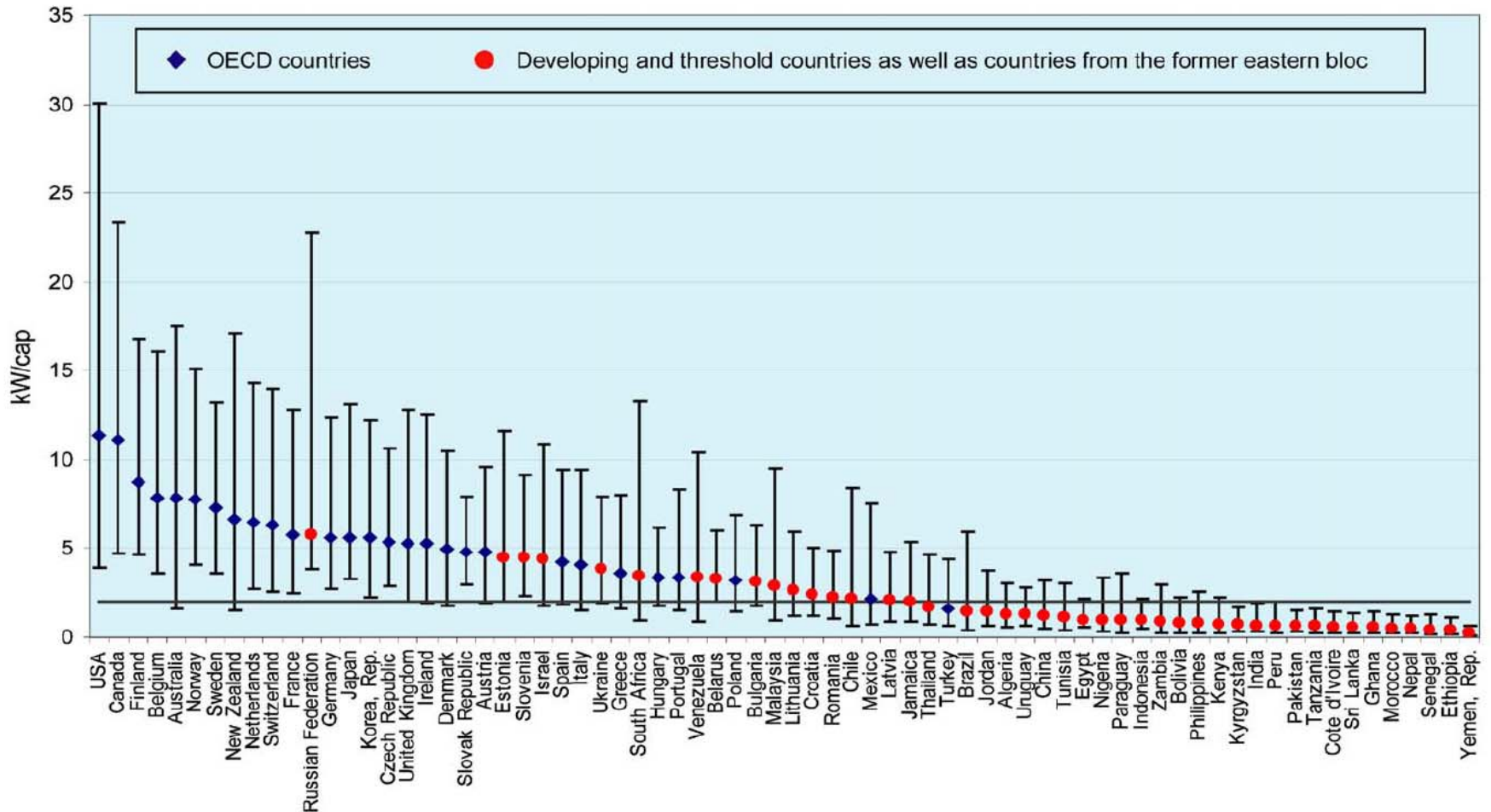


The boundaries and names shown and the designations used on maps included in this publication do not imply official endorsement or acceptance by the IEA.

Note: Countries are grouped according to WHO regions. Deaths include those, mainly in China, attributable to the use of coal.

Source: WHO (2006).

Implications of Growing Inequity



Motivation for the Workshop

- Limited achievements by individual agencies and donors in tackling the problem thus far
- New actors entering the field
- Huge opportunities for research and energy businesses
- Opportunity to bring together diverse actors to assess current status and develop an agenda



Diversity of Approaches

- Business models
 - Roles for Public, Private, Donor and NGO sectors
 - Issues of Subsidies, Incentives, Cost-Recovery
- Technologies
 - Renewable and Non-Renewable Options e.g. biogas, improved stoves, LPG, etc.
- Policies
 - Support for technology manufacturing
 - Creation of favorable business environment

Who Were the Participants

Institutional break-down

- NOC (Pertamina)
- IOC (BP, Shell Foundation)
- Academia/ Research
- Donors (gtz, US EPA)
- UN & WHO
- NGOs
- Industry (Enzen, WLPGA)

Geographical break-down

- South Africa
- Rwanda
- Tanzania
- Indonesia
- India
- Sri Lanka
- Turkey
- OECD

Highlights of the Workshop

- Examples of interesting case studies that show large changes are possible
- Growing recognition of the market opportunities by large energy corporations

Target: 50% reduction in people dependent on biomass by 2015

Need: an additional 500,000 people have to get access to improved cooking energy every day

Research Agenda

There is a huge data and knowledge deficit! Research is required to strengthen evidence-based action/policy

- Basic economic problems e.g. demand elasticities, price formation, market structure and segmentation
- Technology diffusion studies
- New modeling approaches
- Institutional economics
- Welfare impact and evaluation studies
- Nexus between energy and developmental economics
- Linkages to the climate change problem



Action Agenda

- Data collection and monitoring
- Development of better policy formulation tools
- Better communication and interaction with various government agencies
- Development of new micro-finance and business models
- Exploration of emerging markets



Role for the IAEE

- Growing importance of emerging energy markets in global energy use
 - growing importance of these nations for IAEE
 - Appearance of energy & development on the conference topics
- Need for more workshops, special sessions, special issues of publications and RESEARCH
- Encourage regional affiliates from the South and regional meetings
- Strengthen support for participants from new affiliates
- Explore special sponsorship possibilities with industry