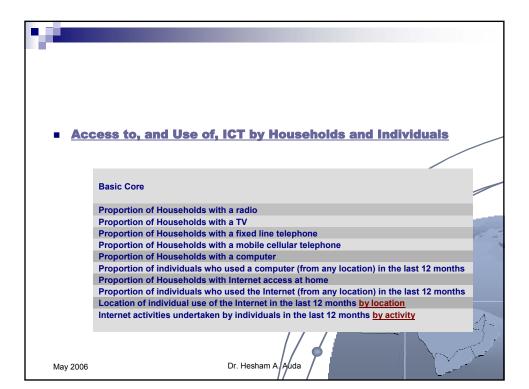


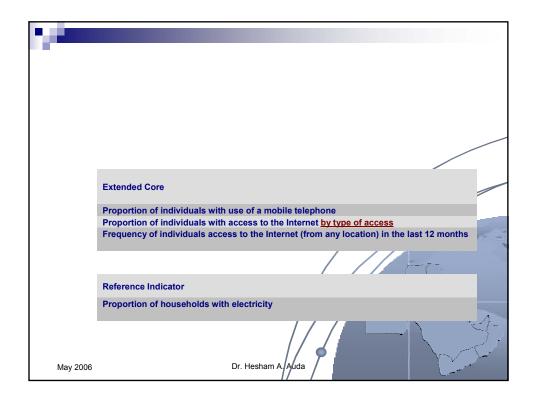


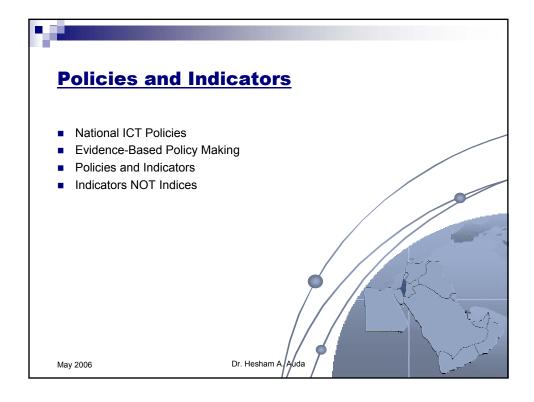
Forty-two indicators under 4 categories:

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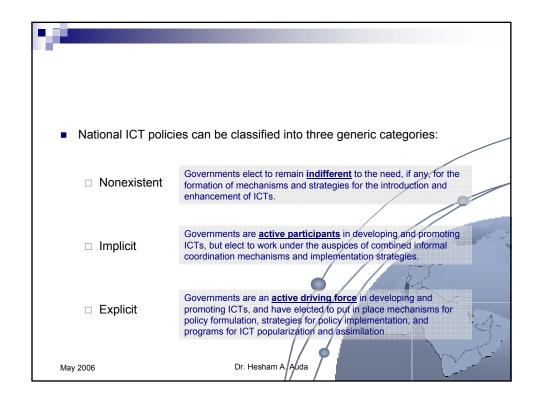
Category	Basic Core	Extended Core	Reference Indicator
ICT Infrastructure and Access	10	2	
Access to, and Use of, ICT by Households and Individuals	10	3	1
Use of ICT by Businesses	8	4	
ICT Sector and Trade in ICT Goods	4		
	32	9	1
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National ICT Policies	
 The purpose of a national ICT policy i 	s to create an environment in which:
 Economic and social benefits may 	y be achieved Impact
 Utilization of resources may be op 	otimized Strategy
□ Domestic technological capabilitie	es may be built or enhanced Objective
 Decisions can be taken rationally 	Mechanism
Source: M. Odedra & S. Madon, Information Technology Policies and Application	ations, The Common leaths Secretariat 1995
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Evidence-Based Policy Making

 The concept of evidence-based policy making has an intuitive, common sense logic. Its meaning is considered self-explanatory, but can act to mean scientific, scholarly, or rationality.

The range of evidence typically includes, but not limited to, statistics, research output, economic modeling, policy evaluation, expert knowledge, stakeholder consultations, etc.

 Soundness of evidence is usually examined through long-term impact evaluations of policies and programmes.

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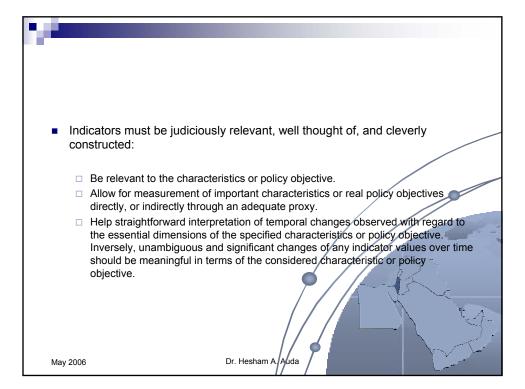


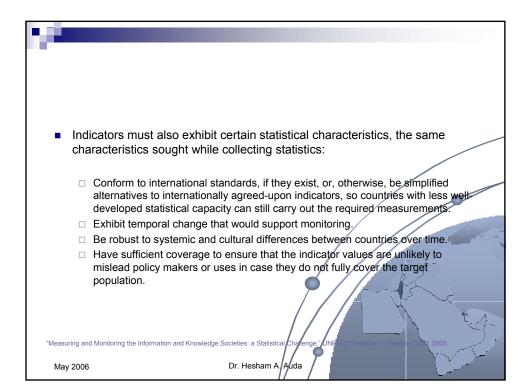
Policies and Indicators

- Indicators are based on the idea that statistical data provides evidence for the evaluation of current policies and the making of future ones.
- The effectiveness of the system of indicators developed lies in the way it supports the policy making process, both by providing impulse for, and evaluation of, policies.

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Indicators NOT Indices

- An index expresses a quantity or a position on a scale of qualitative multifaceted aspects, for example the ITU Digital Access Index. It is formed as a combination of independent indicators.
- Indices can be useful representing a specific concept, for example, readiness, or highlighting an issue in a specific sector, namely, government or education.
- Although more robust than indicators, indices are unlikely to provide the necessary depth of understanding, which is a prerequisite for measuring tools related to the IS, for policy decision-making. This is due to the fact that they rarely comprise comprehensive and uncorrelated indicators that permit the interpretation of observed temporal changes with respect to relevant variables of a policy.

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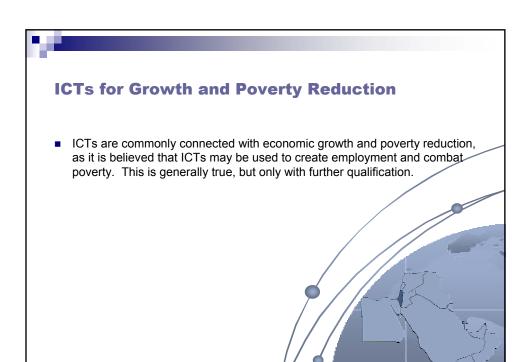


ICT Policy Perspective on Growth and Poverty Reduction

- ICTs for Growth and Poverty Reduction
- Growth versus Poverty Reduction
- The ICT Sector
- ESCWA Social ICT Policy Paradigm
- Application

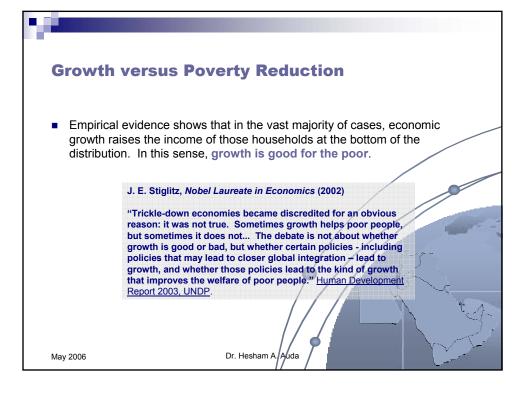
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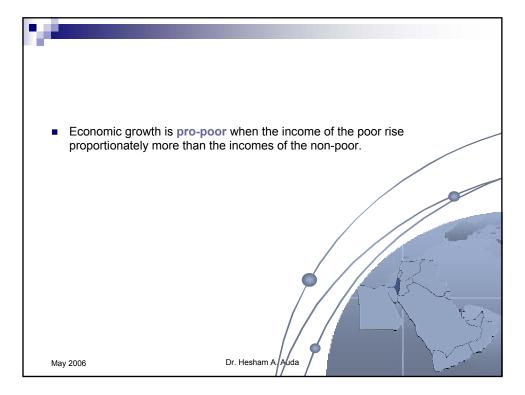
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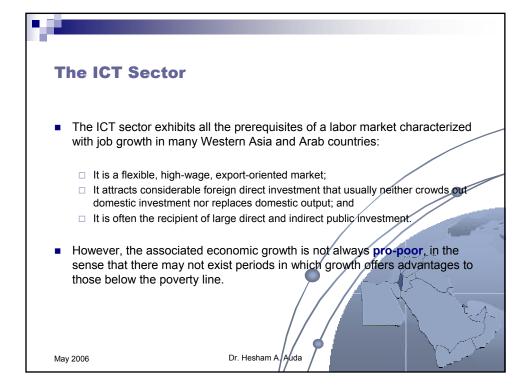


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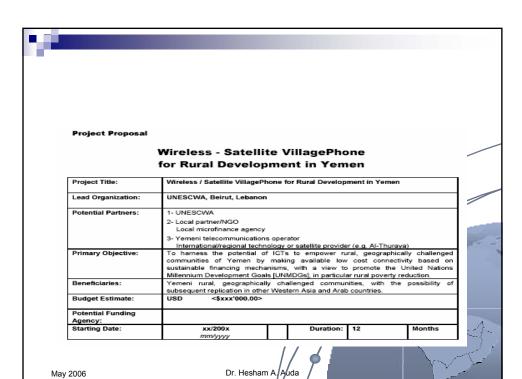


ESCWA Social ICT Policy Paradigm

- Sustained economic growth is an essential development driver. To ensure that growth is pro-poor, efficient pro-poor fiscal and social policies must encase ICTs.
- The ESCWA social ICT policy paradigm integrates three layers of policies:
 - ICT policies to extend basic infrastructure and services to rural and impoverished communities,
 - ☐ Fiscal and economic policies to empower those communities to utilize the services provided, and
 - Social policies to leverage the benefits of access and use of IGT lectinology to the benefit of the society.

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45% of the population in the rural areas are under the national poverty line, compared to 30.8% in urban areas (1998). 2004 World Development Indicators, The World Bank.

Executive Summary

The objective of this project is to harness the potential of ICTs to empower rural, geographically challenged communities of Yemen by making available low cost connectivity based on sustainable financing mechanisms, with a view to promote the United Nations Millennium Development Goals [UNMDGs], in particular rural poverty reduction.

A major development is currently underway in Yemen, based on using advanced ICTs, and fueled by national policies that aim to enhance the proliferation of modern affordable computers and free Internet access. The ICT sector has made great progress in linking the governorates to each other with telecommunications services. Utilization of ICTs is an essential element of the poverty reduction strategy of Yemen.

Yet, Yemen is severely challenged with its geography. Natural division communities and population distribution, and density are the greatest problems facing the ICT sector in remen, and hence present a major obstacle to its efforts in reducing poverty, in particular in rural areas where an estimated %75 of the population lives.

The scope of this project lies in the multi-tier ESCWA Social N. Policy Paradigm. A stipulated in the ESCWA ICT Strategy, the Social ICT Policy Paradigm integrates three layers of poncres: (a) ICT policies to extend basic infrastructure and services to rural and impoverished communities; (b) Fiscal and economic policies to empower those communities to utilize the services provided; (c) Social policies to leverage the benefit of access and use of ICT technology to the benefit of the society.

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The implementation of the project is phased accordingly:

Phase 1

If not available, provide low cost connectivity for selected rural areas in Yemen.

Phase 2

Establish a financially-sustainable public-private partnership involving local partners/NGOs, wireless operators, and/or international/regional technology or satellite providers (e.g., Al-Thuraya). The objective of the partnership is to make telephony, and possibly data, services available to the locals, particularly women and other marginalized segments of the community. The UN-sponsored VillagePhone modality has shown great promise in similar settings in Bangladesh and Uganda in creating a profitable partnership and a channel to market to bring telecommunications services to the rural areas of these two countries. Another possibility is a Multi-purpose Technology Community Center (MTCC).

Implementation of Phases 1 and 2, including the selection of the rural area, partnership mechanism, and financially viable methods of access extensions will be carried out in coordination with the donors, and after careful examination of the prevailing technological and socioeconomic conditions in the area.

Phase 3

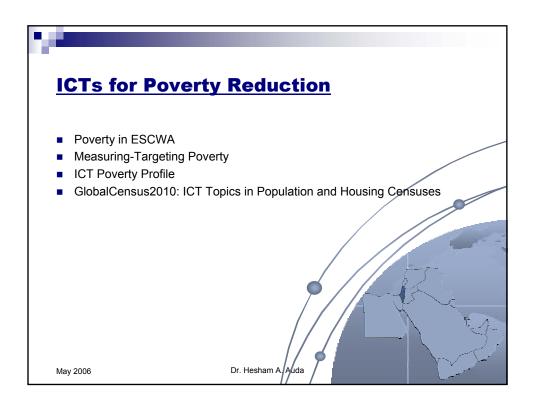
Establish market-based, local project[s] to take advantage of the access and ICT services available, such as, for instance, a Market Information System-based Partnership for marketing local crops and produce, similar to the Alcatel-Manobi Partnership in Senegal.

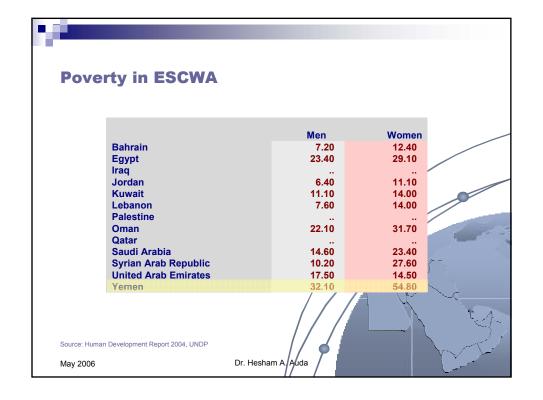
The overall budget for the project is estimated at <\$xxx'000.00>

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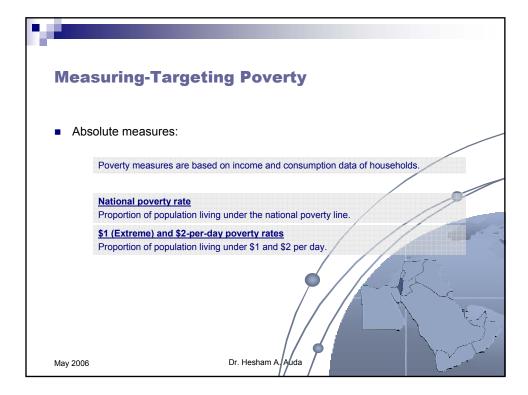
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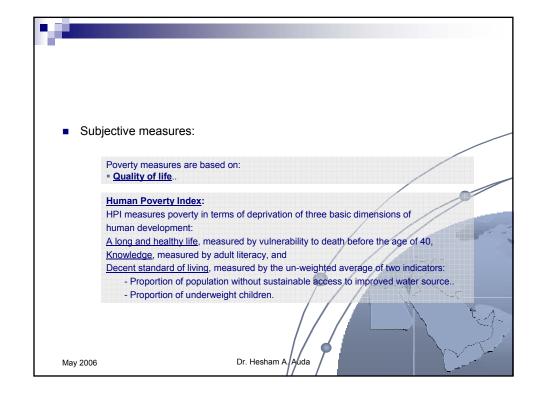
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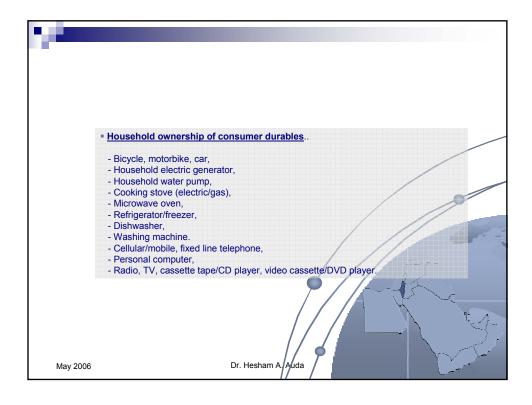


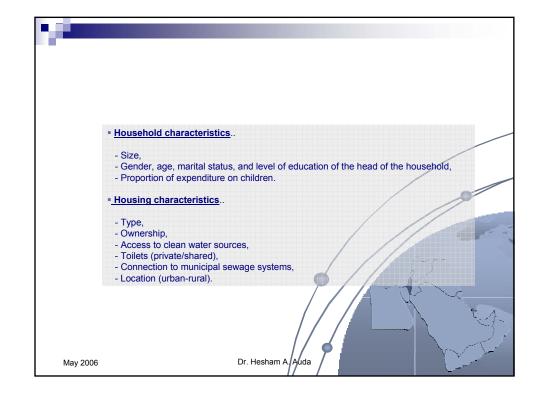


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ICT Poverty Profile

- ICT policies targeting poverty must account for the ICT profile of poverty.
- There are certain issues in identifying poverty with ICTs:
 - Dramatic decrease of ICT prices for entry level types of products, and the increase of prices for top range products, posing serious comparability problems to dedicated and general time series of prices.
 - Wide variations of the quality and prices of ICT assets that for the most part provide the same basic services.
 - Ownership versus access of ICTs.

Insight into living standards and the socio-economic status may not be restricted to ownerships. In fact with regard to the information society such restriction could be misleading.

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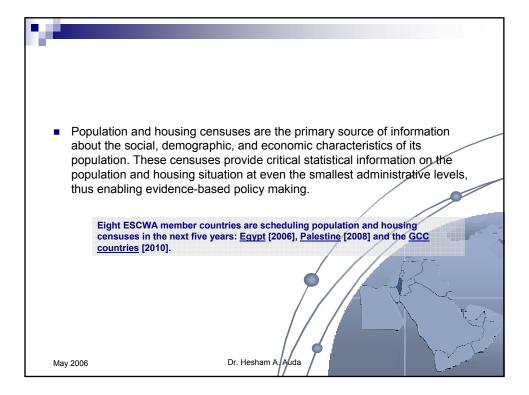


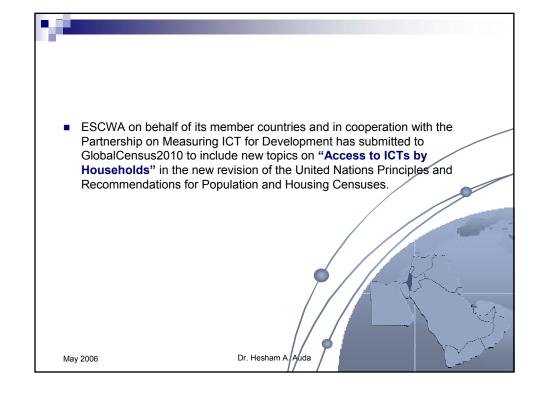
GlobalCensus2010: ICT Topics in Population and Housing Censuses

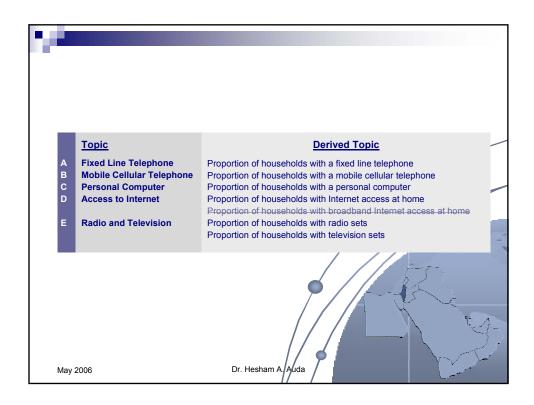
The United Nations Statistical Commission, at its 36th session in March 2005, approved the 2010 World Programme on Population and Housing Censuses and established the Expert Group on the 2010 World Programme on Population and Housing Censuses. This Expert Group proposed the formation of working groups and technical subgroups to carry out its mandate in regard to the revision and update of the global United Nations Principles and Recommendations for Population and Housing Censuses.

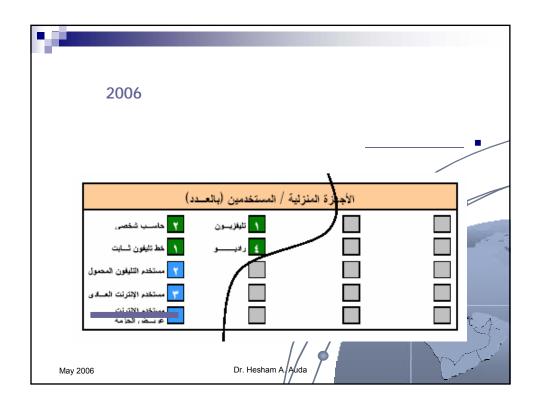
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Case Study: PC for Every Home

- Due to overwhelming accumulated evidence the Egyptian Government has enacted a policy that aims at increasing the proportion of households with computer.
- The policy initiative offers locally assembled quality PCs to citizens to be paid for in affordable installments that are secured by their fixed line telephones.

A pro-growth but not pro-poor strategy

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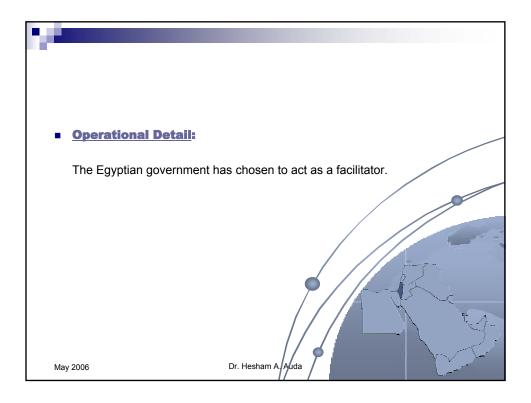


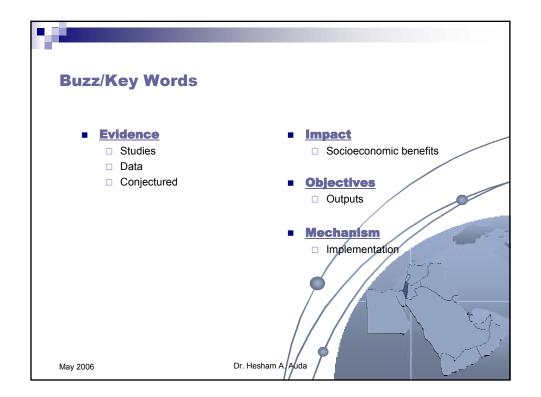
Possible policy objectives:

- □ Focus on, or emphasize, gender, certain age groups, income categories, and/or geographic distribution.
- □ Be connected to other development goals and/or policy initiatives:
 - Development of the local computer manufacturing and services industries.
 - The "Free Internet" initiative.

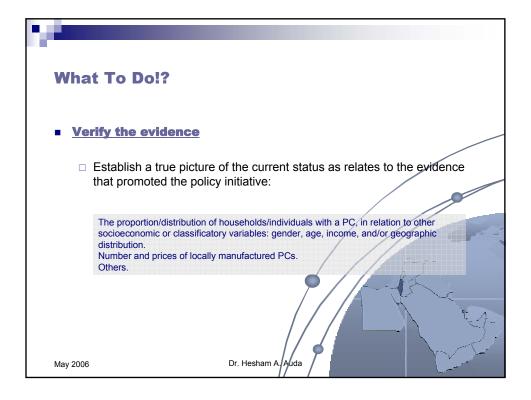
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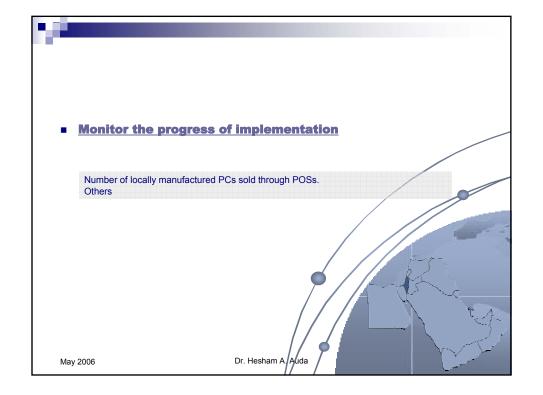
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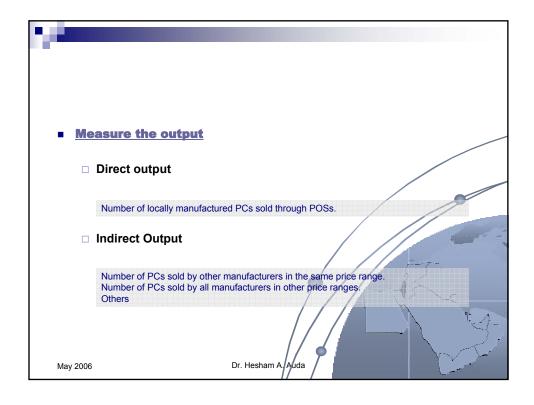


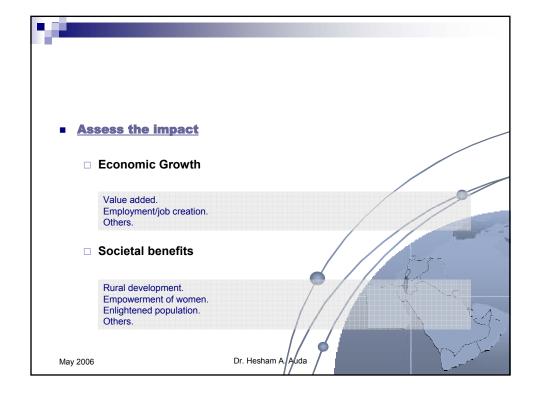
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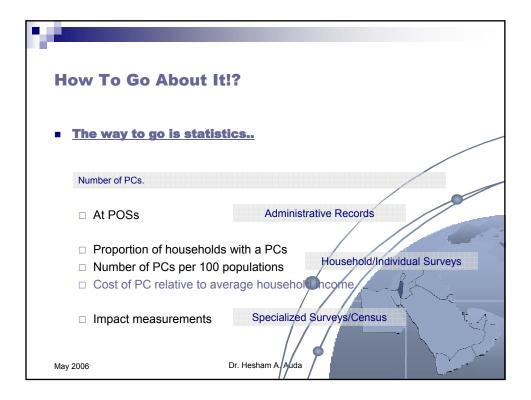


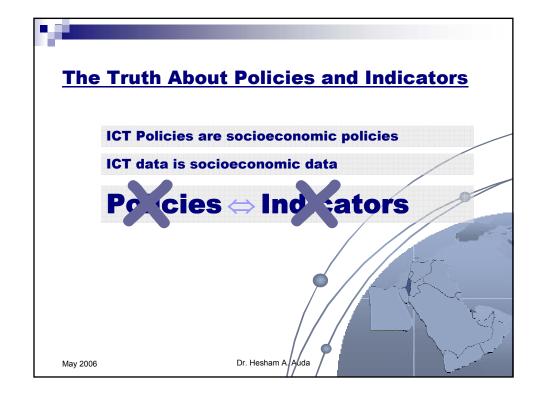
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