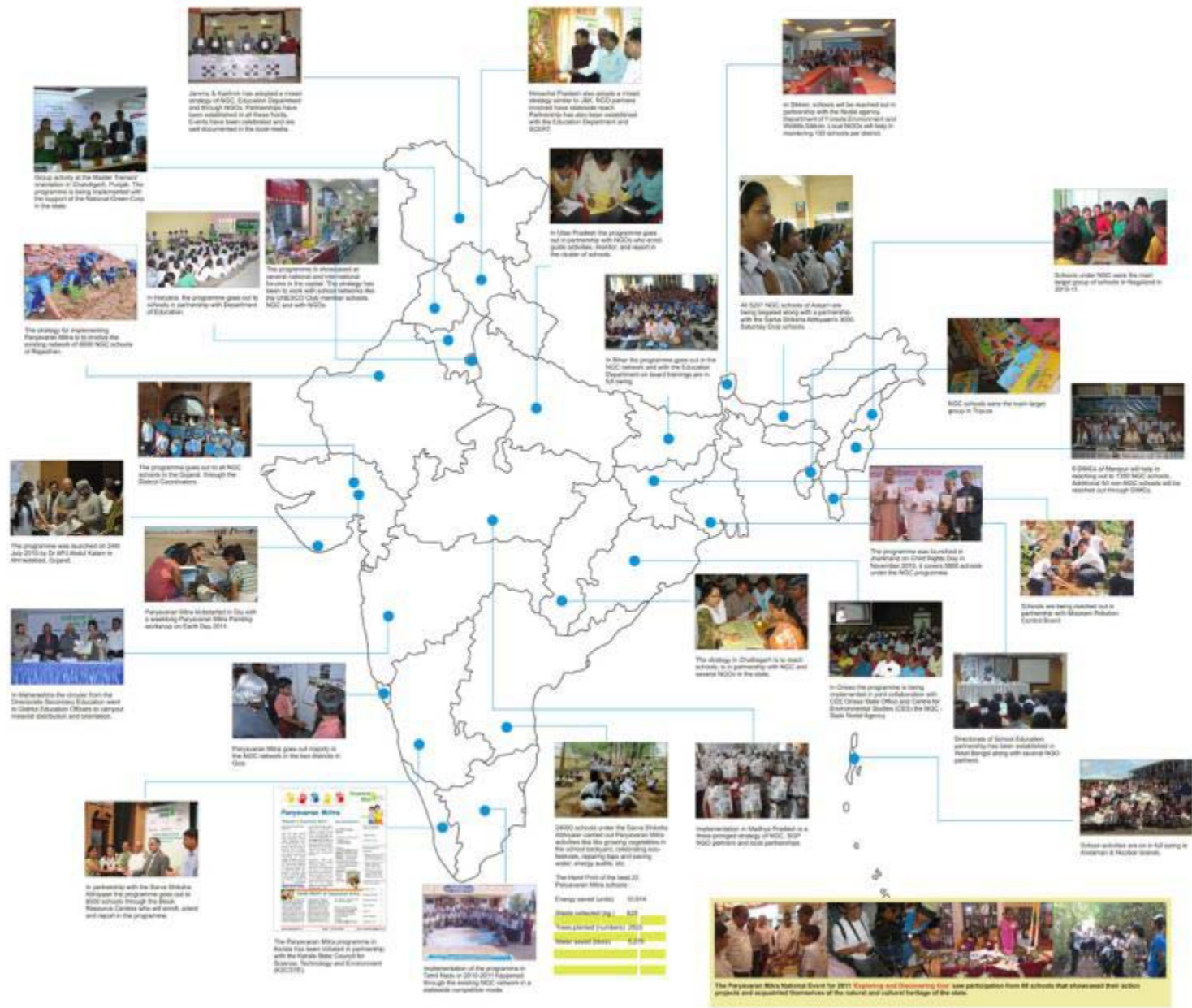


Beyond Awareness: Education for Change

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First Dialogue on Article 6 of the Convention
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Population and Lifestyle

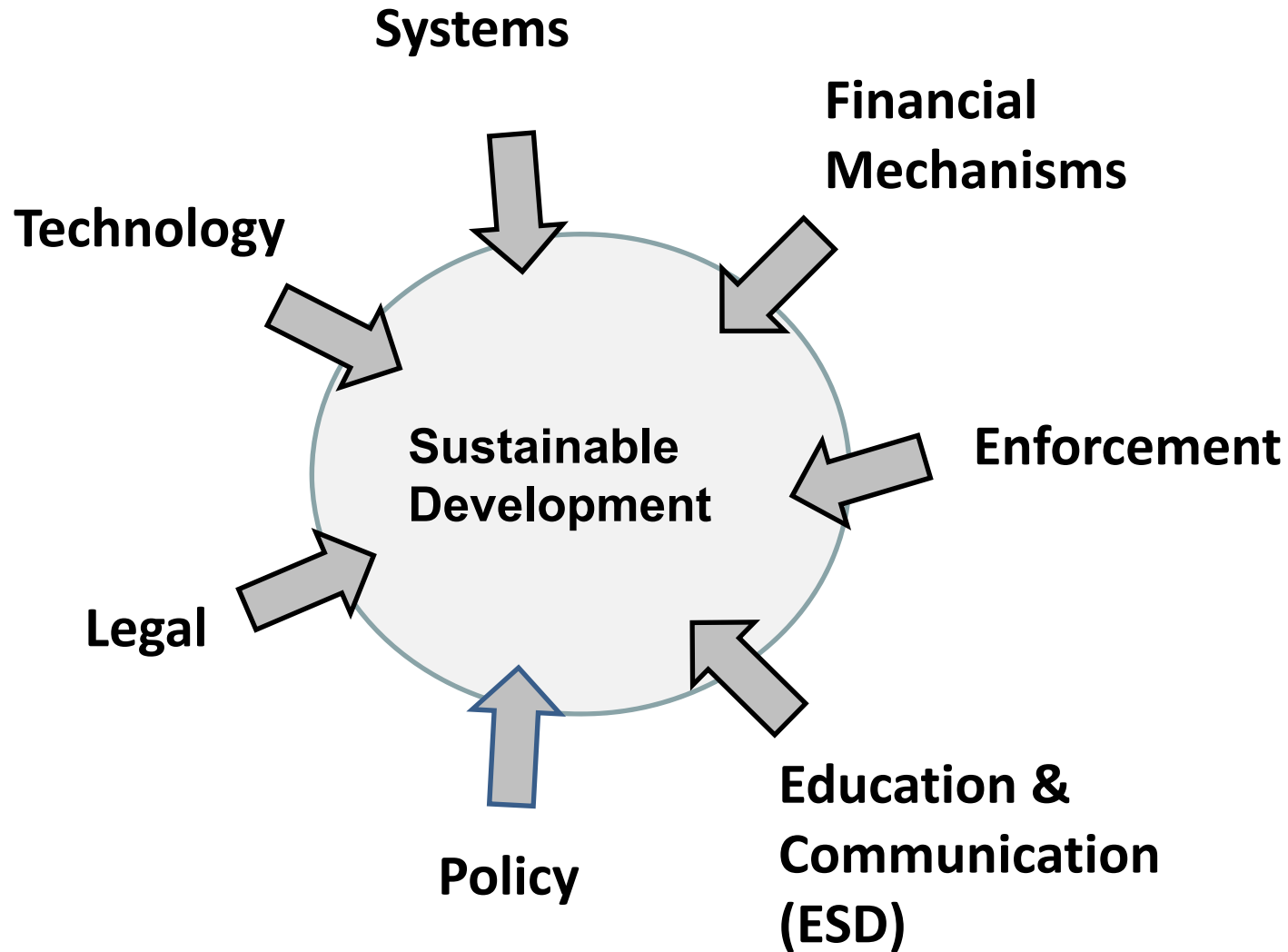


India will be the most populous country in the world overtaking China around 2030. Today in spite of a slowing of population growth it adds the population equal to that of Australia every 14 months putting a tremendous pressure on its infrastructure.

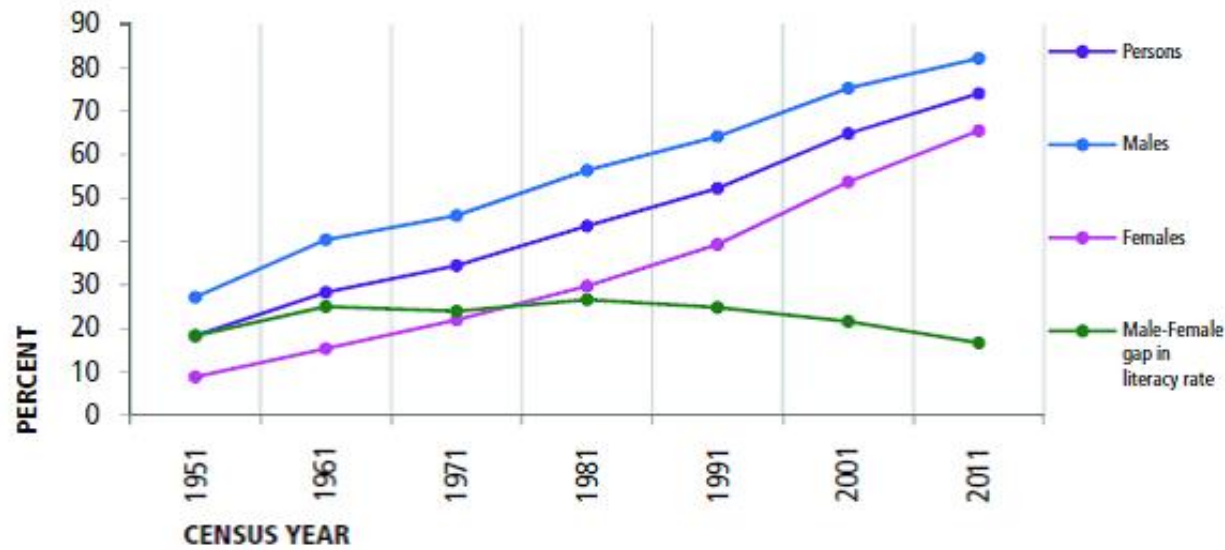
Which lifestyle will India's population adopt in future?

Which development pathway does the country choose?

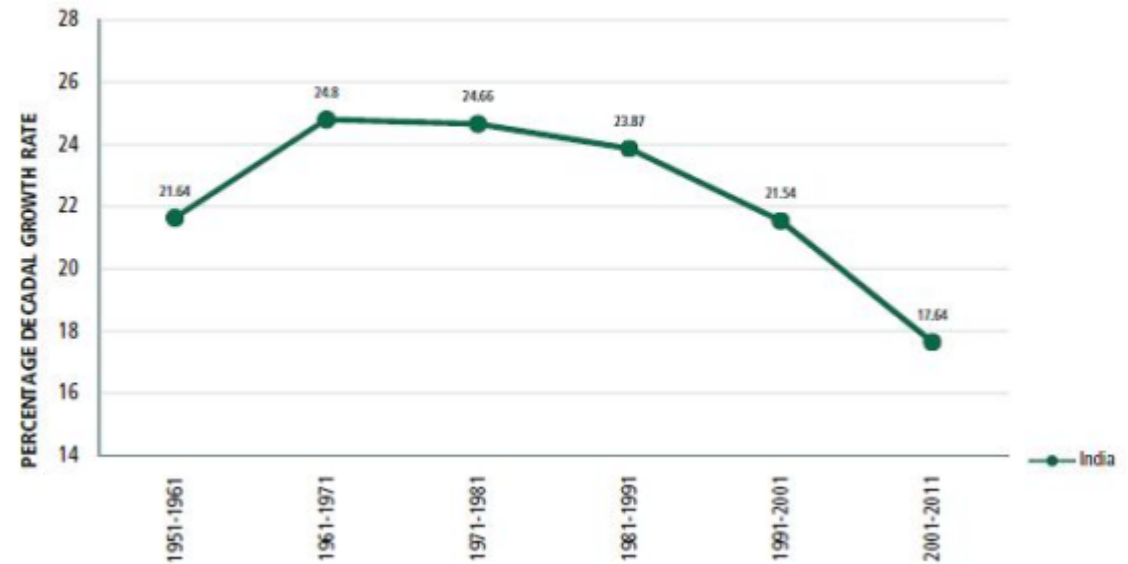
Education as Driver of Change



Literacy rate: 1951-2011



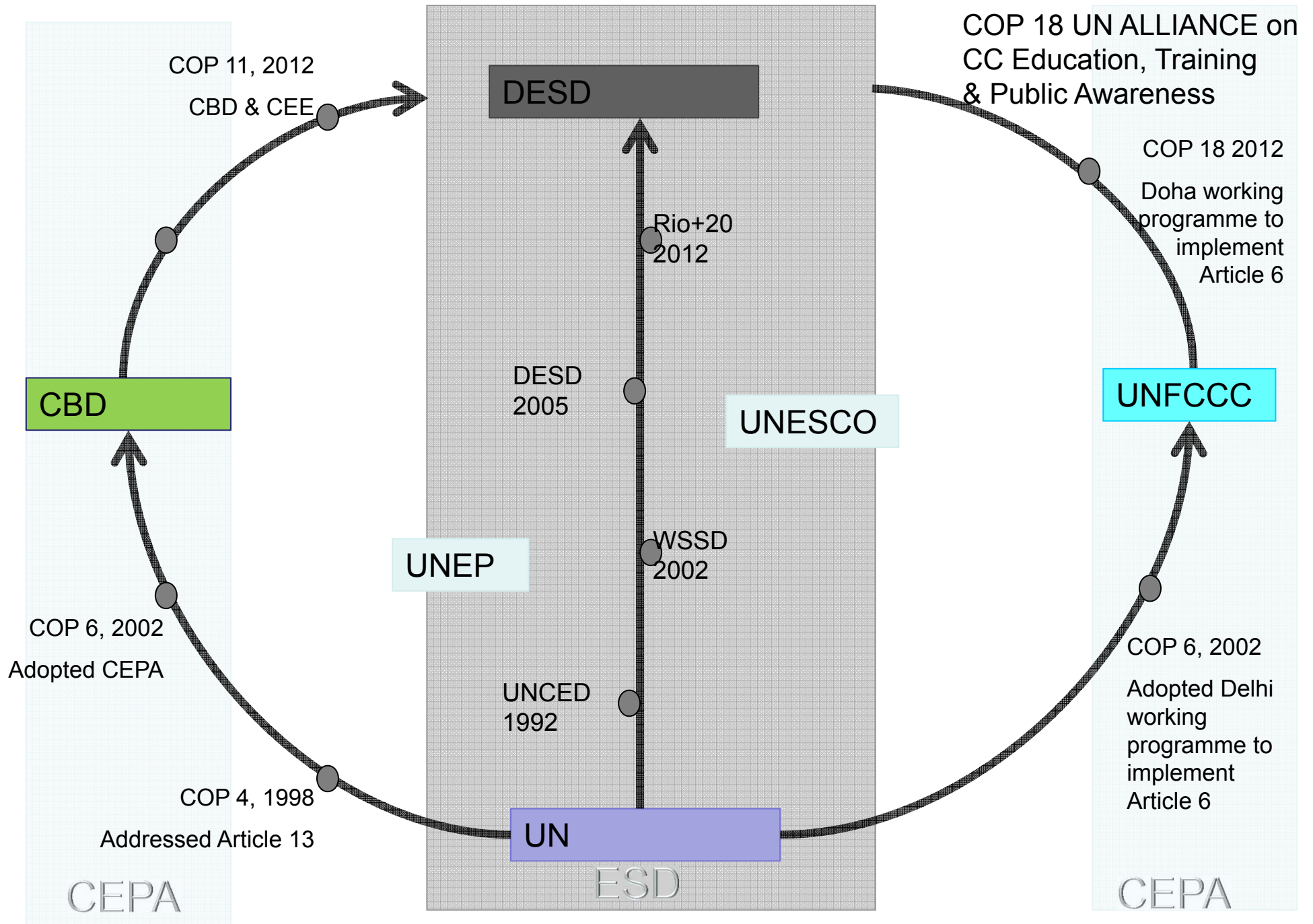
Percentage decadal growth rates of population, India: 1951-1961 to 2001-2011



Source: UNU, 2010, Our World 2.0 – 2010 Human Sustainable Development Index

Impact of Education

1. Better education, especially of women, will decrease the birth rate and population rise.
EFA
2. **ESD for the general public** would decrease the consumption levels mostly by reducing waste. Also, at least a 5% decrease in use of electricity, water, fuel etc.
3. **ESD for Decision makers** in government and business would lead to better decisions regarding policy and technology selection etc.



DESD

COP 18 UN ALLIANCE on
CC Education, Training
& Public Awareness

COP 18 2012
Doha working
programme to
implement
Article 6

UNFCCC

UNESCO

DESD
2005

Rio+20
2012

WSSD
2002

UNEP

UNCED
1992

COP 6, 2002
Adopted Delhi
working
programme to
implement
Article 6

UN

ESD

COP 6, 2002
Adopted CEPA

COP 4, 1998
Addressed Article 13

CBD

CEPA

CEPA

Conclusion

1. Current paradigm of development not sustainable. Need to **leapfrog to a Sustainable Development Model**
2. While technology, policy etc. are important, **education** also is a key driver. However education not part of the equation today, part of “others” needs to be quantified
3. Education impacts both population growth rates and consumption patterns. Education for decision makers also impacts the other variables.
4. **EFA and ESD** need to go hand in hand and should be incorporated in activities to implement Article 6 of the Convention

Example 1: Public Transport

Perth, Australia

- Through a very focused education campaign managed to shift 15% of commuters from using private vehicles to public transport.
- Campaign involved showing people at the individual level which transport they could get to reach their place of work.

Example 2: BRTS

- An example of how a “knowledge partner” to the Ahmedabad Municipality, - the School of Planning & Architecture (CEPT) led to making a decision which was not the obvious one.
- Solutions from Bogota, Columbia would not have happened but for such intervention.



Example 3: Tata Motors

It is generally believed that the fuel efficiency of car is essentially to do with technology. What is infact the case is that a lot is also to do with the way people drive. This can make a nearly 15% difference.

Tata motors is working out with CEE a program which would be spread through their dealer network. A case where ESD could reduce the fuel consumption significantly.

Example 4: MEC-CC

- This centre was established with the aim of creating awareness and building capacities in order to address new emerging challenges like climate change
- Centre offers long term and short term courses (MSc. in Climate Change Impacts Management) along with research and development activities
- Action projects are part of course and students have done different projects (for eg. project related to calculating carbon footprint of their institution, locality etc.)





HAND PRINT

Action Towards
Sustainability

solution-oriented, from action to knowledge, hands-on

Thanks for your attention!

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