

Mainstreaming Eco-Housing



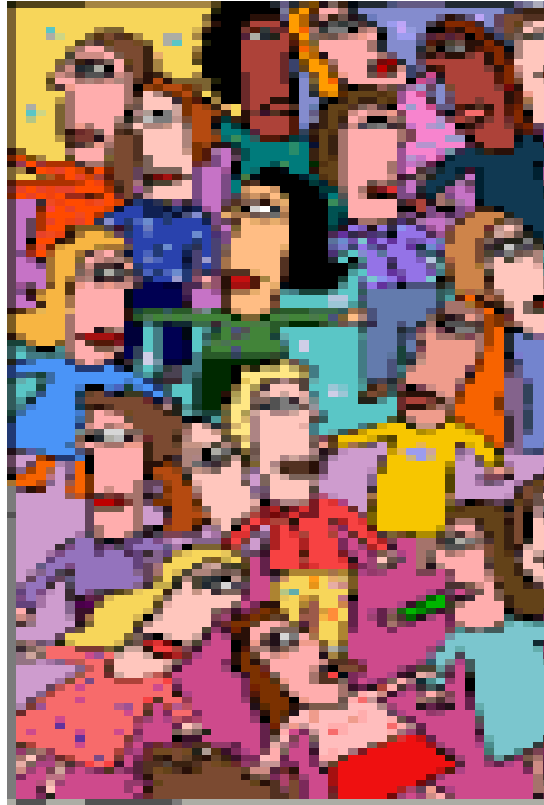
A new partnership to long term care..



IIEC



Population Explosion



Infiltration From Rural Areas To Urban Center

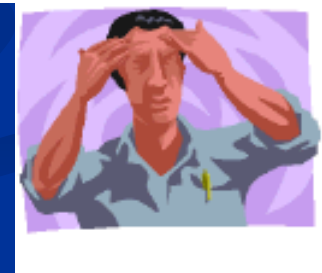


Rapid Development Of Housing Colonies Without Planning



Problems Caused

- Inadequate Drinking water
- Increase power cuts
- Lack of sanitation and hygiene in cities
- Widespread of diseases



***INCREASES DEMAND FOR URBAN SERVICES....
WATER AND SANITATION, SOLID WASTE
MANAGEMENT, HEALTH***



AND YET,

EVERYONE HAS A
DREAM.....

TO BUY HIS OWN HOME



WHAT IS ECO HOUSING ?

- ✓ *E: Environment Friendly*
- ✓ *C: Conservation of Resources*
- ✓ *O: Optimize the Cost of Urban Living*

Eco housing concept adopted for new housing projects.

Environment friendly retro fitment adopted for existing houses

When we build, let us think that we build forever



Focus Areas

- ✓ *Site selection*
- ✓ *Environmental Architecture*
- ✓ *Efficient building material*
- ✓ *Energy efficient lighting*
- ✓ *Solar water heaters*
- ✓ *Water conservation, recycle and reuse, rain water harvesting*
- ✓ *Solid waste management.*
- ✓ *Others include safety during construction, provide minimum level of sanitation, and control of suspended particulate matter*



Benefits to stakeholders

- *To home owners*
 - Reduced electricity and water charges*
 - Reduced monthly maintenance charges*
 - Higher life cycle for plumbing and electrical equipment*
 - Higher resale value*

- *To municipal corporation/utilities*
 - Reduced costs of water supply and water pumping cost*
 - Reduced expenses on sewage treatment and solid waste management*

- *To home-financing institutions*
 - Ability to recover more*
 - Meet corporate social responsibility.*
 - Higher life cycle of housing financed*

- *Market*
 - Equipment / appliances manufacturers*
 - Service sector*

What has been done....

Key work done:

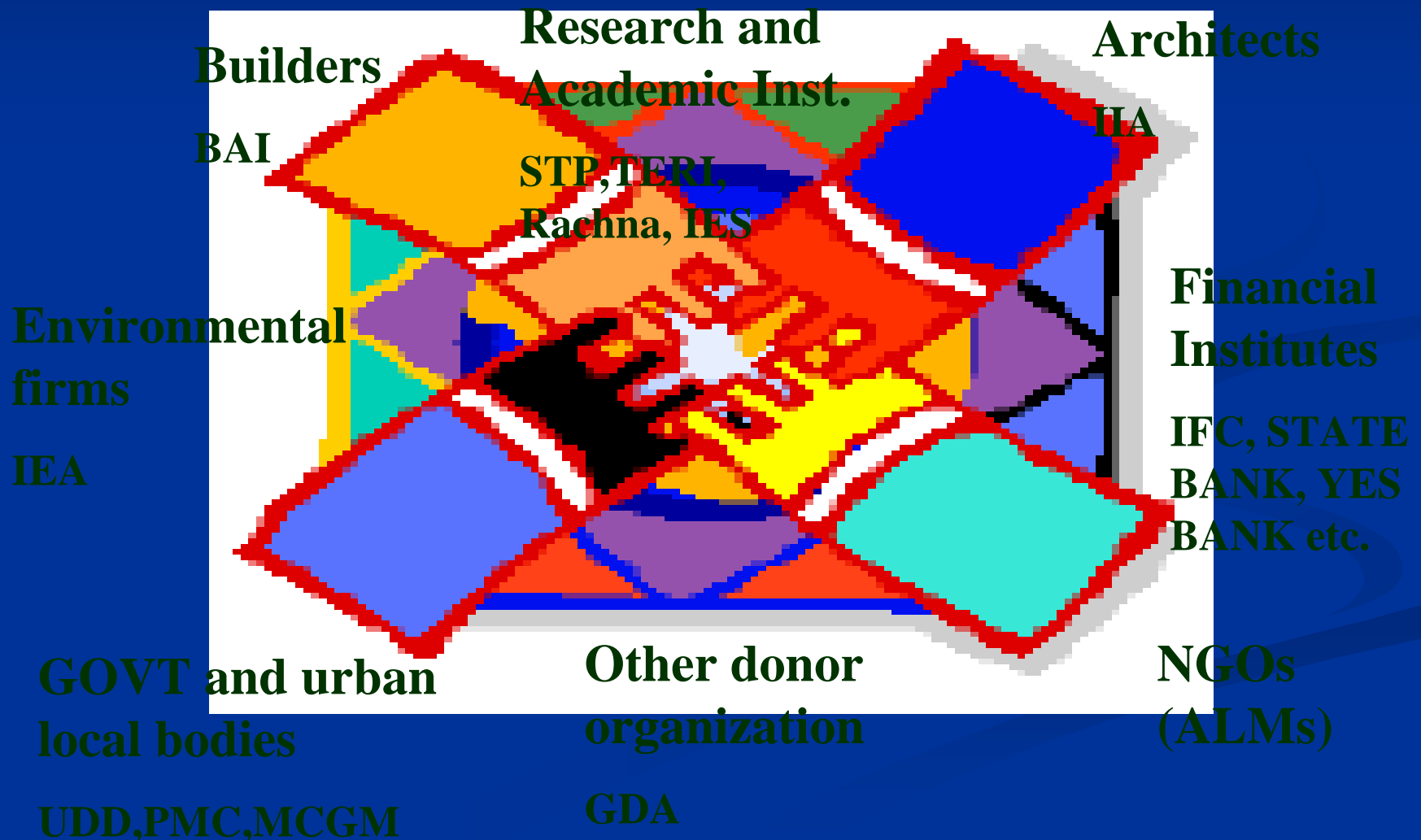
- ✓ *Eco housing assessment technical criteria*
- ✓ *Web based application tool*
- ✓ *Institution of Eco housing policy & fiscal incentives by city government and financial institutions*
- ✓ *Establishment of a sustainable institutional mechanism to mainstream sustainable construction practices*
- ✓ *Demonstration site developed in Pune and other projects under planning.*

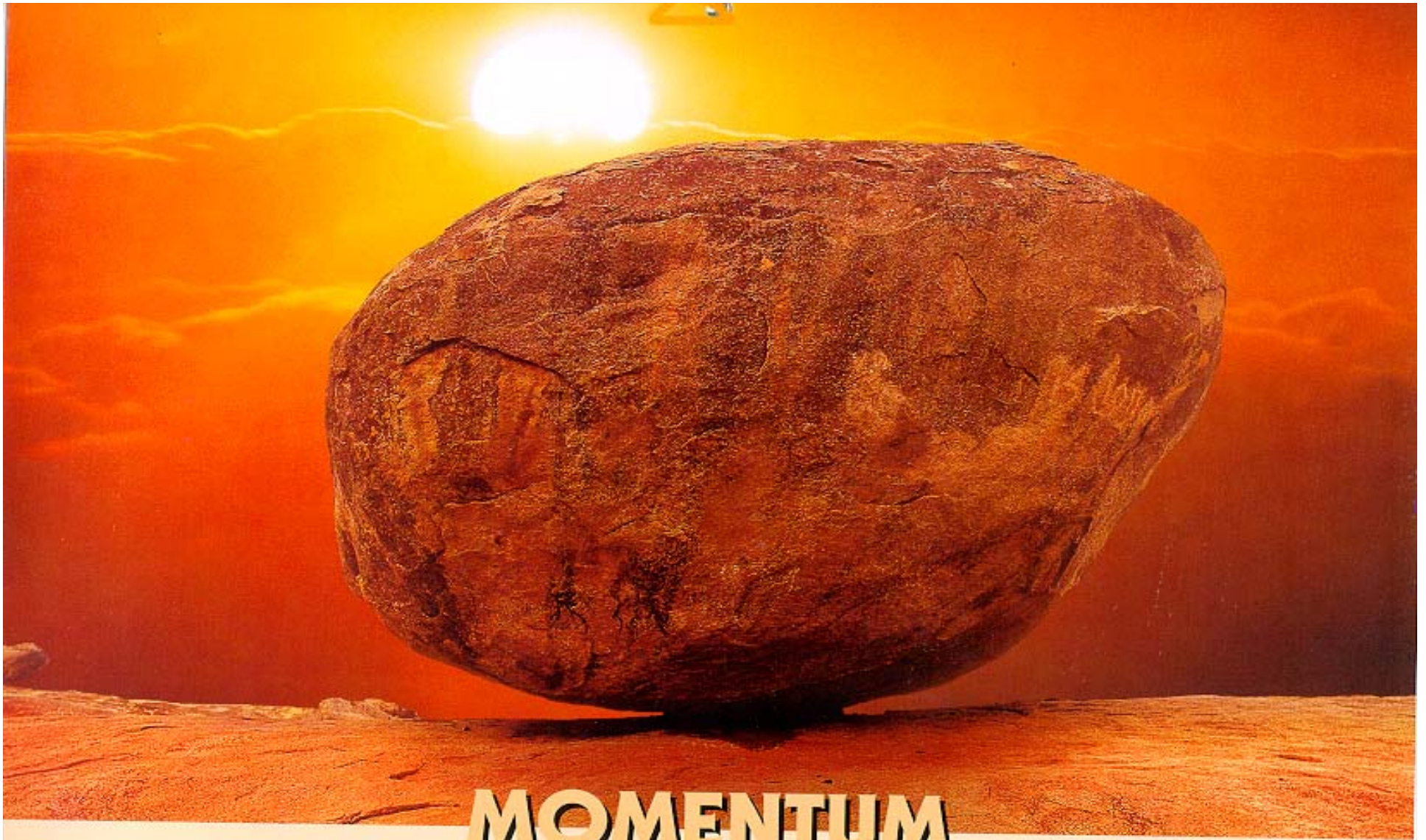
The problem which troubles us today
were considered remote and abstract in
the past.

Because we always took decisions
based on immediate needs

*Eco housing a sustainable solution for
urban environmental problems*

Partnership





MOMENTUM

A little push in the right direction can make a big difference.

Our new pillar of strength..



*Partnership with
Municipal Corporation of Greater Mumbai*

*ASPIRE....ACHIEVE....and
ADVANCE*

THANKS