

## Population, Climate Change and Development: Challenges and Opportunities for a Sustainable Future

The world's population is growing at an unprecedented rate. With an increase of 78 million people each year we can expect the global population to reach 9 billion by 2050. Meeting the long-term needs of this population is affected by the impacts of climate change on our natural resources and development, and presents a major challenge to achieving a sustainable future.



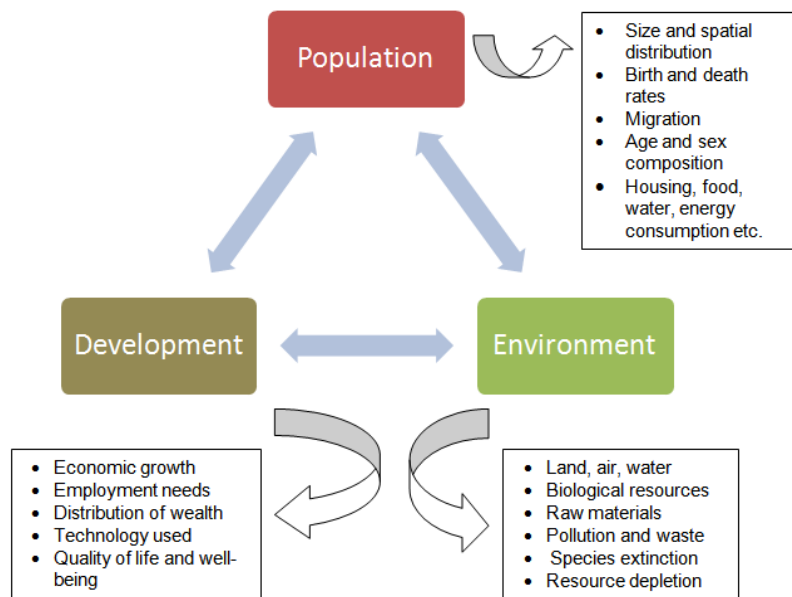
Understanding the complex web of interconnections between population, climate change and development is key to developing innovative solutions that adapt to a changing world and reinforce the path to a sustainable future.



This programme will work with emerging leaders from around the globe to meet the current and future challenges of population, climate change and development. Over 7 days in South Africa, LEAD will provide training to 200 future leaders from more than 30 countries to equip them with key skills and understanding and enable them to contribute in a concrete way to the challenge of sustainable development.

### Core Focus

A primary goal of this LEAD training is to use global and particularly African examples to illustrate and explore the complex linkages between people, climate change and development. This will be done from the Population, Environment and Development (PED) nexus perspective and within the wider context of attaining sustainable human development.



## Key Themes

- Ecosystems: *conservation and conflict with nature's life support*
- Food Security: *managing risks for vulnerable communities*
- Human Settlements: *implications for community resilience*
- Transport: *sustainable solutions for society and business*
- Industrial Development: *impact on communities and environment*

These themes will provide the focus for Working Group learning and site visits. Specific knowledge input will come through case studies, workbook materials, and panel discussions with speakers representing different perspectives on these issues.

## Working Groups

Each theme (above) will form the content focus for two Working Groups, with a total of 10 working groups. Each working group is made up of approximately 20 participants from different global regions. The groups thoroughly explore their respective theme and work together to deliver a creative, high-impact presentation summarising their learning by the end of the week.



## Cross-Cutting Issues\*

- Gender and Development
- Health and Climate Change
- Climate Change Strategies: Adaptation and Mitigation
- Energy and Development

These topics will be introduced to all participants via plenary presentations from expert speakers, followed by an interactive question and answer session to draw out global examples and perspectives from the audience.

## Site Visits

Site visits are an important part of the learning journey, exposing participants to the challenges and faced by local stakeholders and demonstrating examples of initiatives to address these issues. Site visits exemplify case studies around each of the five key themes.

## Red Location Museum Cultural Visit

The socio-political and cultural context of Port Elizabeth and South Africa has had a dramatic impact on development in this region. To fully appreciate issues presented in the case studies and site visits, participants will visit the Red Location Museum to gain an insight into events that have shaped the communities they will encounter during the programme.

---

\* Participants will be encouraged to consider each of these issues when they encounter examples and projects during the International Session.

## Skills Modules

Participants can join two of four skills modules:

- Stakeholder Engagement
- Getting Your Message Across
- Systems Thinking: an holistic approach to effecting change
- Ethical Decision-Making

Participants can elect to swap one skills module for an **alternative workshop** on 'Long-term Energy Scenarios' delivered by event partners Shell.

## African Leadership Day

Leadership is the key factor to sustain the momentum for change in Africa today. In July 2006, the results of a survey carried out through CNN's program 'Eye on Africa' indicated that when asked what they thought was the most important factor in solving Africa's problems, 66% of respondents placed 'better leadership' above international trade, corruption, HIV/AIDS, and overseas development assistance.

This African Leadership Day within the International Session programme will recognise key regional figures that have shown outstanding leadership on sustainable development issues in Africa.

It will also sensitise our international audience to the concept of African leadership to address African issues, and invite them to share in the vision of LEAD Africa that Africa can rise above its current challenges and have a bright future, if there is a renewed commitment and determination amongst Africans.

## Networking Fair

The Networking Fair is an opportunity for participants from each Member Programme to share their work and culture with other participants. At the beginning of the Networking Fair, participants display information about their current projects having an impact for sustainability and are encouraged to explore the range of expertise and activity within the group.

Later in the evening participants relax and share elements of their cultural backgrounds with textiles, music, traditional activities and cuisine.



## Open Sessions

Participants will be invited to run short evening sessions/discussions on topics of their choice. A portion of these will be decided in advance of the session, and several will be allocated during the event. People will be able to sign up to attend.

There will also be an 'Open Space' session. This methodology allows participants to raise diverse topics of personal interest for discussion with their peers. Discussion spaces are immediately allocated and participants are invited to join any conversation that interests them. People are free to move between conversations at any time. This activity is very popular as it draws out common interests and potential for future collaborations.

**LEAD International Session 2010:** Population, Climate Change and Development 31 Oct. - 6 Nov. 2010, Port Elizabeth, South Africa

DAY 1 • SUNDAY	DAY 2 • MONDAY	DAY 3 • TUESDAY	DAY 4 • WEDNESDAY	DAY 5 • THURSDAY	DAY 6 • FRIDAY	DAY 7 • SATURDAY
Welcome & Opening	Working Groups	Working Groups	Working Groups	SITE VISITS	Working Groups	Working Groups
KEYNOTE: Leadership & Climate Change Understanding the Population, Environment, Development (PED) Nexus Global Population Trends	CROSS CUTTING PRESENTATIONS	THEMATIC PANELS (in parallel)	SKILLS MODULES (in parallel)	<ul style="list-style-type: none"> <li>Ecosystems</li> <li>Food Security</li> <li>Human Settlements</li> <li>Transport</li> <li>Industrial Development</li> </ul>	AFRICAN LEADERSHIP DAY	Working Group Presentations
	Story of the week	<ul style="list-style-type: none"> <li>Health &amp; Climate Change</li> <li>Gender &amp; Development</li> <li>Climate Change Strategies: Mitigation &amp; Adaptation</li> <li>Energy &amp; Development</li> </ul>	<ul style="list-style-type: none"> <li>Ecosystems &amp; Food Security</li> <li>Human Settlements &amp; Transport</li> <li>Industrial Development &amp; Energy</li> </ul>		<ul style="list-style-type: none"> <li>Stakeholder Engagement</li> <li>Systems Thinking</li> <li>Getting Your Message Across</li> <li>Ethical Decision-Making</li> </ul>	
Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch
ROUNDTABLE GROUPS Topic-focused leadership discussions	SKILLS MODULES (in parallel)	Visit to Red Location Museum & sightseeing	Open Space Session	SITE VISITS continued	African Leadership Panel	Joining the LEAD Network
Introduction to Working Groups	<ul style="list-style-type: none"> <li>Stakeholder Engagement</li> <li>Systems Thinking</li> <li>Getting Your Message Across</li> <li>Ethical Decision-Making</li> </ul>		Site visit briefings, group reflections and WG presentation discussion	Site visit debriefs and group reflections		Preparing Working Group Presentations
	Opening Reception/Welcome Dinner	ALTERNATIVE SESSION:				
<ul style="list-style-type: none"> <li>Shell Energy Scenarios</li> </ul>		Group Reflections			Group Reflections	
	Networking Fair prep	Group Reflections				
	Networking Fair	Evening Sessions	Evening sessions	Free Evening	Continued WG presentation prep	Graduation Dinner