

Statement on Carbon Capture and Storage

The climate crisis requires urgent action. To avoid the worst effects, global greenhouse gas emissions must peak by 2015 and then start falling by at least 50% by 2050, compared to 1990 levels.

The energy sector is responsible for some two-thirds of global greenhouse gas emissions, including upwards of 60% of carbon dioxide (CO₂) emissions. Coal is the largest single source of CO₂ emissions and the most carbon intensive of all fossil fuels. Yet world governments are planning to build hundreds of coal power plants in the next decade. If such plans go ahead it will be impossible for governments to reduce greenhouse gas emissions enough to seriously tackle climate change.

Carbon capture and storage (CCS) has been proposed as way to prevent carbon dioxide released from power stations from contributing to climate change by dumping it underground. At present, there are no large-scale coal-fired power plants in the world capturing carbon, let alone any that are integrated with storage operations. CCS simply can't deliver in time.

The real solutions to stopping dangerous climate change lie in the renewable energy and energy efficiency technologies that can start protecting the climate today. Huge reductions in energy demand are possible with efficiency measures that save more money than they cost to implement. Technically accessible renewable energy sources- such as wind, wave and solar- are capable of providing six times more energy than the world currently consumes - forever.

Every decision to build additional coal-fired power plants today will contribute to climate change for the next two generations. The false promise of CCS diverts resources and attention away from sustainable energy solutions and risks locking the world into an energy future that fails to save the climate.

We, the undersigned, believe that the investments with the greatest potential to provide energy security and reduce emissions in an environmentally sound manner need to be prioritised by world governments and power companies: renewable energy and energy efficiency.

International

Friends of the Earth International
Greenpeace International

Australia

Bass Coast Climate Action Group
Beyond Zero Emissions
Carbon Equity
Climate Action Newcastle
Climate Action Coogee
Climate Action Tomaree
Climate Change Balmain-Rozelle
Communities Combating Climate Crisis (C4)
Conservation Council of SA
Conservation Council of WA
Friends of the Earth
Futureenergy
Kyogle Climate Action Network
L.I.V.E.
Lower Clarence CAN
New Community Quarterly Association
Nillumbik CAN
North Shore Climate Action
Rising Tide Newcastle
Willunga Environs Climate Action Network
Total Environment Centre
Year 12 Generation Earth - North Sydney Girls High

Brazil

Amigos da Terra – Amazônia Brasileira

Cyprus

Friends of the Earth Cyprus

Czech Republic

CALLA / Sdružení pro záchranu prostředí

Centrum pro dopravu a energetiku (Centre for Transport and Energy)

Děti Země (Children of the Earth)

Eurosolar.cz

Energy Information Service Brno

Hnutí Duha (Friends of the Earth Czech Republic)

Kořeny (Roots)

NESEHNUTÍ

Zelený kruh (Green Circle)

Denmark

NOAH-Friends of the Earth Denmark

France

Friends of the Earth France

Israel

Solarpower Ltd

Italy

Campagna Riforma Banca Mondiale - CRBM

Comitato per l'ambiente contro il carbone di Brindisi

Comitato per l'ambiente di Gualdo Cattaneo (Raoul Mantini)

Coordinamento dei Comitati per la Difesa dell'Ambiente della Provincia di Rovigo

Coordinamento dei medici per l'ambiente di Civitavecchia

Kyoto Club

M.O.D.A. - Movimento di Opinione Difesa Ambiente

Movimento no coke dell'Alto Lazio

Japan

Chikyuuotomoni

Citizens' Nuclear Information Center (CNIC)

Edogawa Citizens' network for Climate-Change(ECCC)

Femin WOMEN'S DEMOCRATIC CLUB

Global Peace Campaign

Green Action

Hanatoherbnosato

Harmonics Life Center

Iwate Committee to Protect the Sanriku Sea from Radiation

Kakuno-gomi Campaign, Chubu

Osaka Citizens against the Mihama, Ohi and Takahama Nuclear Power

Plants (Mihama no Kai)

Peak Oil Matsuyama Group

Plutonium Action Hiroshima

Toukyoudennryoku to tomoni datugennpatu wo mezasukai

México

Red Mexicana de Acción frente al Libre Comercio (RMALC).

Asociación Mexicana de Energía Solar (AMES).

Eco Energías Renovables.

Netherlands

Both ENDS

Milieufederatie Zuid-Holland

World Information on Energy (WISE)

Slovakia

Za Matku Zem

Slovenia

FOCUS

South Africa

Earthlife Africa eThekweni

Spain

ADEGA- Asociación para a Defensa Ecolóxica de Galiza

Amics De Palanques

ARCA

Asociación Ereba, Ecología y Naturaleza

Asociación Medioambiental la Cirigueña de Morcín

Colectivo Ecologista de Aviles

Coordinadora Ecoloxista d'Asturies

Coordinadora Ornitoloxica d'Asturies

Ecologistas en Acción

Entrepueblos

Federación Ecoloxista Galega

GECEN

Grupo de Estudio y Recuperación de los Espacios Naturales - GREEN

Grupu Ornitoloxia Mavea

Verdegaia

United States

Campus Progress

Friends of the Earth

Rainforest Action Network