

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

Adelaide Hills Climate Action Group
Australian and New Zealand Solar Energy Society
Australian Student Environment Network
Australian Youth Climate Coalition
Bass Coast Climate Action Group
Bayside Climate Change Action Group
Beyond Zero Emissions
Break O'Day Catchment Risk Group
CarbonEquity
Climate Action Coogee
Climate Action Newcastle
Climate Action Tomaree
Climate Change Balmain-Rozelle
Communities Combating climate Crisis (C4)

Conservation Council of the South East Region of Canberra
 Conservation Council of SA
 Conservation Council of WA
 Drummoyne/Lowe/Canada Bay Climate Action Group (supporting emissions cuts of 40% by 2020)
 Environment Tasmania
 Environment Victoria
 Friends of the Earth
 Future Tasmania
 Futureenergy
 Kyogle Climate Action Network
 Lighter Footprints
 L.I.V.E.
 Lower Clarence CAN
 Maroonah Climate Change Action
 NCC New South Wales
 New Community Quarterly Association
 Nillumbik CAN
 North Shore Climate Action
 Queensland Conservation Council
 Rising Tide Newcastle
 Social Action Office
 Sutherland Climate Action Group
 Total Environment Centre
 Willunga Environs Climate Action Network
 Year 12 Generation Earth - North Sydney Girls High

Belgium

Bond Beter Leefmilieu
 Friends of the Earth Vlaanderen & Brussel
 Inter Environnement Wallonie

Brazil

Amigos da Terra – Amazônia Brasileira

Canada

Sierra Youth Coalition- Coalition Jeunesse Sierra

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

Greece

Hellenic Wind Energy Association

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)

New Zealand

Environmental Defence Society Inc

Poland

Fundacja Dzika Polska

Fundacja Eko-Unia

Zielone Mazowsze

Slovakia

Za Matku Zem

Slovenia

FOCUS

South Africa

Earthlife Africa eThekwini

Spain

ACSUR Las Segovias

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

GECEM

Grupo de Estudio y Recuperación de los Espacios Naturales - GREEN

Grupu Ornitoloxia Mavea

Jóvenes Verdes

Verdegaia

United States

Campus Progress

Friends of the Earth

Rainforest Action Network