



Zoï environment network • Annual Report

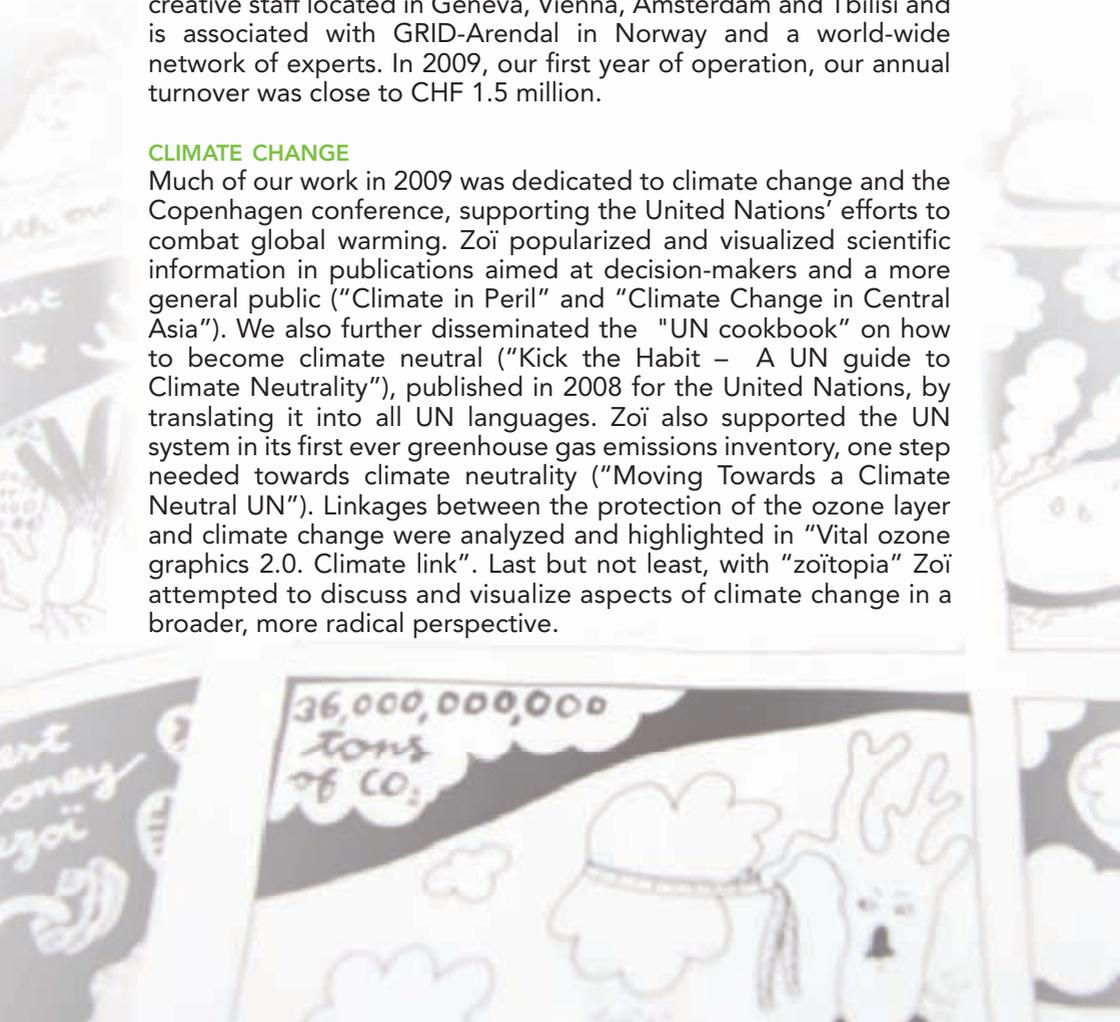
2009

Zoï environment network was founded in Geneva in December 2008 with the mission "to reveal, explain and communicate connections between the environment and society". As a spin-off of the GRID-Arendal office in Geneva we continue to work 'at arm's length' from the UN, however with a greater degree of flexibility needed to provide environmental information fit for the 21st century.

While our geographic focus lies on Europe's margins and its neighbours (the Balkans, Eastern Europe, Central Asia, the Caucasus and the Mediterranean), we strive to link regional and local issues to the global environmental agenda. Zoï employs eight motivated and creative staff located in Geneva, Vienna, Amsterdam and Tbilisi and is associated with GRID-Arendal in Norway and a world-wide network of experts. In 2009, our first year of operation, our annual turnover was close to CHF 1.5 million.

## CLIMATE CHANGE

Much of our work in 2009 was dedicated to climate change and the Copenhagen conference, supporting the United Nations' efforts to combat global warming. Zoï popularized and visualized scientific information in publications aimed at decision-makers and a more general public ("Climate in Peril" and "Climate Change in Central Asia"). We also further disseminated the "UN cookbook" on how to become climate neutral ("Kick the Habit – A UN guide to Climate Neutrality"), published in 2008 for the United Nations, by translating it into all UN languages. Zoï also supported the UN system in its first ever greenhouse gas emissions inventory, one step needed towards climate neutrality ("Moving Towards a Climate Neutral UN"). Linkages between the protection of the ozone layer and climate change were analyzed and highlighted in "Vital ozone graphics 2.0. Climate link". Last but not least, with "zoitopia" Zoï attempted to discuss and visualize aspects of climate change in a broader, more radical perspective.



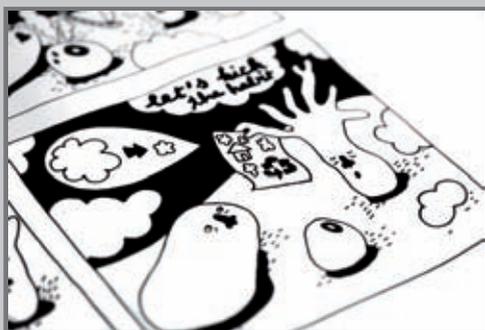
## ENVIRONMENT AND SECURITY

Another pillar of our activity was dedicated to environment and security. The chances of a deteriorating environment leading to conflicts are very real in some parts of the world; in the framework of the Environment and Security initiative (ENVSEC), Zoï contributed to analyzing, communicating and eventually resolving concrete situations in Central Asia, the Caucasus, Eastern Europe and the Balkans: from taking mining and energy footprints in Bosnia and Ukraine, to finding common water denominators in the Danube and the Amu Darya basins.

Together with international and local partners we have embarked on an environment and security analysis of the Southern Mediterranean, one of the world's environmental and geopolitical 'hot spots'. Under the MEDSEC initiative an exploratory, visual assessment was published and launched in 2009.

With a global legal instrument on mercury under development, primary mercury mining may well become history. Zoï assisted UNEP, UNITAR and the Kyrgyz Government in addressing the potential closure of the world's last exporting mercury mine in the Kyrgyz town of Khaidarkan.

With our mission to integrate environmentalist thinking into everyday actions, the users of environmental information – political decision-makers, civil servants and the general public – remain at the center of our activities. Thus a great portion of our work is dedicated to assisting others in assessing communicate environmental issues.



Protozoï cartoon  
Illustration Maria Libert

# • Financial Statement

## & Environmental Policy

The Environmental Charter of Zoï environment network

Our sustainable development policy is based on our organization's "green" values and the commitment to operate in an environmentally and socially responsible and resource-efficient manner. Zoï environment network develops and periodically updates an environmental action. Progress on Zoï's environmental impact will be reported annually, our longer-term objective is to get environmental / sustainability certification adapted to our size from an accredited certification agency. Zoï's environmental policy focuses on 6 thematic areas (production, procurement, resources, waste, travel, and personnel).



Zoï environment network  
International Environment House 2  
Geneva - Switzerland

## Financial Statement 2009 (in CHF)

### Operating revenues

Operating revenues*	1'475'621.-
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<b>Total operating revenues</b>	<b>1'475'621.-</b>
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### Operating expenses

Project direct expenses	554'878.-
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Project work in progress	369'184.-
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Personnel costs	502'894.-
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Other operating expenses	48'665.-
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<b>Total operating expenses</b>	<b>1'475'621.-</b>
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\* main sources: UNEP, GRID-Arendal, UNECE, OSCE, Government of Switzerland, Norway



# • Assessment KNOW!

## **Facilitate assessments of global and regional environmental issues and problems**

- participatory assessments
- hot-spot mapping and fact-finding missions
- data collection, analysis and integration

## **Cities, countries and regions understanding and reporting environmental issues and challenges to their citizens and the world**

- indicator-based state of the environment reporting
- identifying environment and security risks
- environmental information management ateliers

## **Building environmental information know-how in countries and regions of Europe's neighbourhood**

(including Northern Africa and the Middle East region).

Clients: European Environment Agency ([eea.europa.eu](http://eea.europa.eu)), UNEP ([unep.org](http://unep.org)),

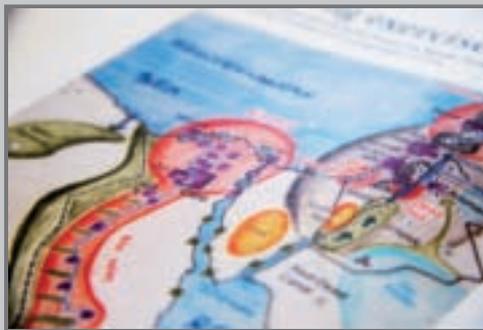
Environment Agency Abu Dhabi ([ead.ae](http://ead.ae))



### Environment & Security assessments:

Facilitating and communicating linkages between the environment and security in Central Asia (Eastern Caspian), the Caucasus, the Balkans, Eastern Europe and the Mediterranean ("Environment and security issues in the southern Mediterranean region").

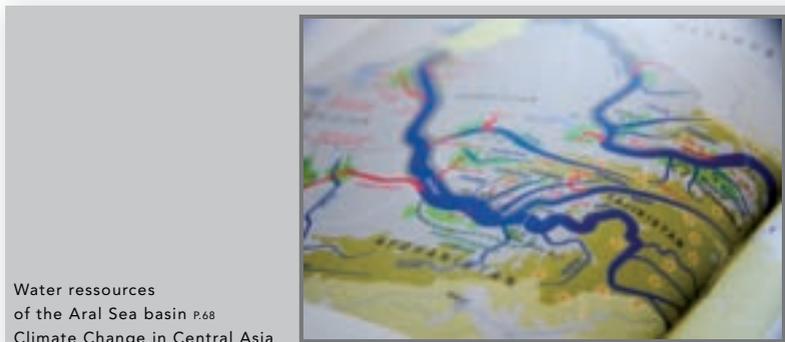
Clients: ENVSEC consortium ([envsec.org](http://envsec.org)), UNEP ([unep.org](http://unep.org)), OSCE ([osce.org](http://osce.org))



Mapping exercise p.38  
Environment and Security Issues in  
the Southern Mediterranean Region

### Confidence building and exchange of information in shared water basins: Pripyat – Dniester – Danube – Aral Sea.

Clients: MFA of Norway ([mfa.no](http://mfa.no)), Swedish EPA ([naturvardsverket.se](http://naturvardsverket.se)), Swiss Development Cooperation ([deza.ch](http://deza.ch)), Danube commission ([icpdr.org](http://icpdr.org)), ICWC ([icwc-aral.uz](http://icwc-aral.uz)), UNECE ([unece.org](http://unece.org))



Water resources  
of the Aral Sea basin p.68  
Climate Change in Central Asia

# • Communication Tell!

## Provide information for decision making: visual and to the point

- vital maps and graphics
- scientific journalistic investigations
- improving impact of environmental information

## Governments, corporations and scientists getting messages across to people

- communicate the environment to children and ministers
- media and carto(graphic) training
- environmental media tours

## Communicating climate change:

The scientific base ("Climate in Peril", "Climate Change in Central Asia"), approaches to mitigate climate change ("Kick the Habit", "Climate Neutral UN") and corporate profile ("Catalysing Change").

Clients: UN Environmental Management Group (unemg.org), IPCC (ipcc.ch), Swiss Office for the Environment (bafu.ch), UN Economic Commission for Europe (unece.org)



Abramov glacier melting p.26  
Climate Change in Central Asia

UN system facilities and travel P.37  
Climate Neutral UN



### Media training:

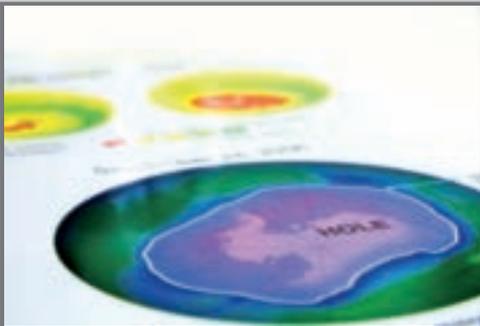
Workshops and tours for investigative environmental journalists.

Clients: ENVSEC ([envsec.org](http://envsec.org)), UNEP ([unep.org](http://unep.org))

### Vital Graphics:

Explaining complex global and regional environmental issues with simple texts and visuals. ("Vital Ozone 2")

Clients: UNEP/GRID-Arendal ([grida.no](http://grida.no)), international conventions secretariats



The Antarctic hole P.06  
Vital Ozone 2

## • Policy ACT!

Support governmental, corporate and individual responses to climate change and approaches to risk reduction and environmental responsibility

- cookbooks, targeted campaigns, 'mining for closure'
- road maps for environmental dialogue and peace building
- climate neutrality and renewable energy concepts

### Mining for closure:

Assessing risks from mining in Kyrgyzstan ("Khaidarkhan Mercury"), the Balkans ("Mining and environment in the Western Balkans"), and Ukraine ("Donetsk region") and developing policy options for mine closure and remediation.

Clients: UNITAR ([unitar.org](http://unitar.org)), UNEP ([unep.org](http://unep.org)), Swiss Office for the Environment ([bafu.ch](http://bafu.ch)), US EPA ([usepa.gov](http://usepa.gov)), UNDP ([undp.org](http://undp.org))



Illustration p.34  
Khaidarkhan Mercury



Remediation design P.102  
Mining and environment in  
the Western Balkans



### Managing the urban environment

"Geocities" environmental assessment of urban areas: methodology (adaptation for the European region) and reports for the public (Armenian cities, Donetsk, Novoplatovsk), assistance in climate footprinting

Clients: UNEP (unep.org), European Commission (ec.europa.eu)

### Promoting renewable energy

Pilot scheme in Olovo municipality, Bosnia and Herzegovina.

Clients: Olovo municipality, UNEP/GRID-Arendal (grida.no)



Integrated renewable energy  
IRENE scheme  
Olovo city, Bosnia and Herzegovina



# Books • Environmental risks

Publications produced by Zoï environment network for the United Nations, GRID-Arendal and a growing community of readers world-wide.

Available on [www.zoinet.org](http://www.zoinet.org) • [books@zoinet.org](mailto:books@zoinet.org)

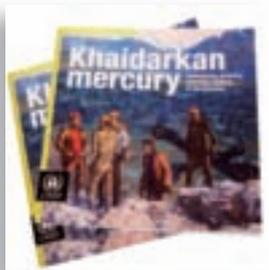
## Environment without borders

Analyzing, communicating local, regional and global environmental risks and contributing to solutions



### Mediterranean

Environment and Security  
52 p. English  
MEDSEC consortium 2009



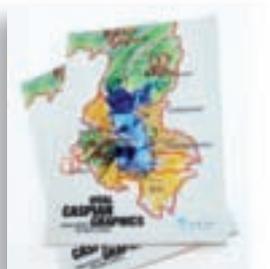
### Khaidarkan mercury

Addressing primary mercury mining  
in Kyrgyzstan  
36 p. English, Russian  
UNEP, UNITAR, Zoï 2009



### Vital Balkans

84 p. English  
UNEP, GRID-Arendal, ENVSEC 2007



### Vital Caspian

72 p. English, Russian (2010)  
UNEP, GRID-Arendal 2006



### Vital Waste 2

48 p. English  
UNEP, GRID-Arendal 2006



### Mining for Closure

100 p. English  
ENVSEC 2005

## Transforming risk into cooperation : Environment and Security



Series of regional assessments in South Eastern Europe, Southern Caucasus, Central Asia and Eastern Europe.

Central Asia and South Eastern Europe (2003)

Southern Caucasus (2004)

Ferghana Valley (2005)

Eastern Europe (2007)

Eastern Caspian (2008)

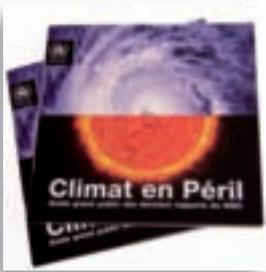
Amu Darya (planned 2010)

ENVSEC (UNEP, UNDP, UNECE, OSCE, REC, NATO), GRID-Arendal Geneva office (now Zoï) 2003-09; English, Russian

# Books • Climate Change

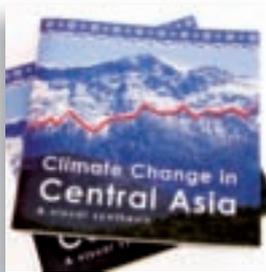
## The problem : Global trends, Central Asia and Ozone illustrated

The scientific base made understandable with maps, graphics and journalistic texts



### Climate in Peril

A popular guide to the latest IPCC reports  
60 p. English, Norwegian, French, Italian  
UNEP, GRID-Arendal, SFT, Zoï 2009



### Central Asia

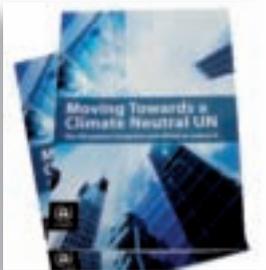
A visual synthesis of Climate Change  
80 p. English, Russian (2010)  
Zoï, Swiss Government 2009



### Vital Ozone 2

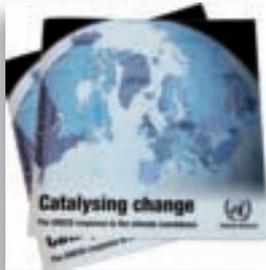
The Climate link  
46 p. English  
UNEP, GRID-Arendal, Zoï 2009

## Institutions and Identities : The United Nations



### Climate Neutral UN

The UN system's footprint  
140 p. English  
UNEP, GRID-Arendal, Zoï 2009



### Catalysing Change

The UNECE response to the climate countdown  
44 p. English  
UNECE, Zoï 2009



### Zoïtopia

One World, no frontiers  
Leading scientists exploring possibilities for managing the Earth and its resources to cope with climate change. Graphical experiments and variations to visualize the limited resources available to mankind.  
24 p. English  
Zoï and Gestaltung Manuela Pfrunder 2009.

## Solutions : Kick the Habit



What YOU can do : countries, regions, cities, companies to mitigate and adapt to climate change. 200 p. English, French, Spanish, Chinese, Arabic, Russian, Portuguese, Japanese, Polish

UNEP EMG, GRID-Arendal, Zoï 2008-09

# • Zoï & Friends

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Climate change, visual communication, the East and the Mediterranean.  
Director; PhD, Geographer and creative thinker

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Environment and security, water, energy, impact of information, Eastern Europe. PhD, Geographer and mathematician

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Geographer and urban planner

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Environmental engineer

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geographical information systems, environment and security, water, Caucasus  
Geographer and environmental management

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valerie.pelle (since 15 June 2010) patrick.hadj-chaib (until 30 April 2010)

Administrator

## @ssociates

Hugo Ahlenius, cartographer

Matthias Beilstein, cartographer

Emmanuelle Bournay, cartographer

Aleh Cherp, sustainability and energy analyst

Vicken Cheterian, researcher, journalist and author

Carolyn Daniel, graphical designer

Hanna Hopko, environment and health reporter

Alex Kirby, environmental journalist

Karen Landmark, environmental communication

Maria Libert, graphical designer

Ari Mäkelä, water quality specialist

Luigi de Martino, political scientist

Philip Peck, mining and industrial engineer

Alexandra Serebryakova, environmental researcher

Svein Tveitdal, environmental ambassador

## @zointerns

Ksenia Filatova

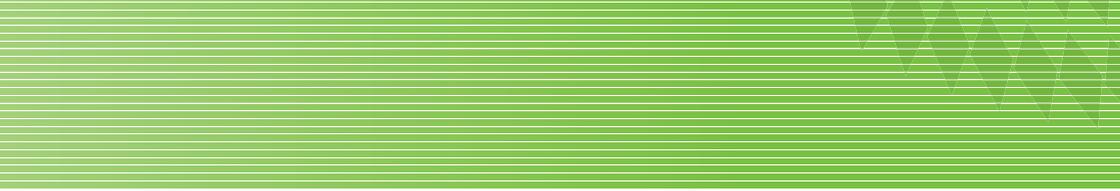
Nikita Efimov

## @grida.no

We remain closely associated with friends and colleagues at our mother institution GRID-Arendal

## @minizoï

Liam (son of Jasmina) and Carmen (daughter of Manu) added to the growing flock of children reminding us of our responsibilities we have towards future generations.



The Geneva-Based Zoï environment network is a new answer to some stubborn old questions. An international non-profit organisation, Zoï's mission is to reveal, explain and communicate connections between the environment and society.