WORLDWIDE SUSTAINABLE AND ECOLOGICAL SOLUTIONS

(WSES)

Who are and what is the purpose of WSES? We are a confederation of interested parties in conservation and the environment. The aim of WSES is to promote best sustainable and ecological practises around the world.

Consisting of freelance ecologists, various other disciplines and environmental groups from various countries around the globe. We are based in Europe, Asia, Africa and North America WSES associates are available to work on projects around the world.

All confederation members are freelance who are able to negotiate their own fees enabling a more cost effective service. All members donate a minimum of 10% of their fees for the purpose of WSES running costs and work fund. A minimum of 7% of the donation goes into a fund for work in underdeveloped countries.



WE HAVE ONLY ONE WORLD LETS

SAVE IT

Our partner organisation is Knowledge for Development without Borders working together in collaboration on projects with shared goals.

GROUPS ASSOCIATED WITH WSES

Water network Promoting and researching sustainable water practises

Based in Switzerland

GIC MASA promoting sustainable populations based in Cameroon

Carbon free Africa promoting renewable energy encouraging less consumption of fossil fuels based in Nigeria

Suscon Foundation conservation projects anti-poaching strategy based in Africa



POACING LETS PUT AN END TO IT

AIMS AND GOALS

AIMS

To provide a cost effective value for money service to the public and private sectors.

To raise funds for work in underdeveloped countries

To forge links with charities

To promote best sustainable and ecological practises

To forge links with environmental groups and individuals around the world.

To preserve biodiversity

To work with similar groups

To improve education

To forge links with Universities and businesses

Create awareness of carbon consumption and its impact

Minimise harmful and unsustainable economic activity

GOALS

Increase sustainable growth

Promote sustainable farming practises

Improve economy

Improve water management

Provide a more productive and sustainable future

Work with biodiversity not against

Improve education facilities

Manage ecological assets of the world

Reducing global carbon footprint

To encourage sustainable farming practises

GROUP MEMBERS WSES

UK

Glynn Goulding Ecologist North

Kevin Newshame Landscape restoration North

Shane McGartland Ecologist North

Alan Ainsworth Biologist North

Claire Barton Ecologist North

Emilie Gorse Ecologist South

Jenette Howard Ecologist South

Iain Mackennon Herpetology/Ornithology North

Tony Powell Ornithology South

WORLD

Maria Karagkounis Professor Biology Greece

Gianluca Ragusa Fisheries specialist Italy

Divya Saxena Strategy and business Solutions India

Venkatasamy Ramakrishna Enviro Solutions Ltd Mauritius

Dr Ranveer Sing Environmental Impact Advisor India

Wyane Williams Sustainable agriculture specialists USA

GROUPS

Vishakha Rajput Water network Switzerland

Dimitri Tabi GIC MASA Cameroon

Sadiq Austin Igomo Okoh Carbon free Africa Nigeria

Nico Joubet Suscon Foundation Africa

MEMBERSHIP PENDING

Tristam Sculthorpe CEO Enesphere USA

Ating Solihin Ating foundation Indonesia

Janos Borbely Biodiversity alliance Hungary

All ecologists have their own specialisms

STRUCTURE

Interim structure to be confirmed

Chief Executive officer Glynn M Goulding acting

Project/consultant officer Glynn M Goulding acting

Media officer Maria Karagkounis acting

Finance/ funding officer to be confirmed

Planning strategy officer to be confirmed

CONTACTS US

Worldwide sustainable and Ecological Solutions

e-mail [enquirieswses@gmail.com](mailto:enquirieswses@gmail.com) or [g.goulding@outlook.com](mailto:g.goulding@outlook.com)

Telephone 07531060615

Knowledge for Development without Borders

[Amouzou.bedi@gmail.com](mailto:Amouzou.bedi@gmail.com)

JOIN US

As a freelance consultant all specialisms required from around the World.

Or become volunteer to help in any way you can by fund rising or researching projects for our consultants to work on.

Or be on our advisory section panel only where our consultants/volunteers can seek advice if necessary. Should you feel you could help us in any way to achieve our aims and goals please don’t hesitate to contact us?

YOU ARE NOT ALONE

Need help require our services need to supplement your staff hire one of our freelance consultants for short, medium long term contracts, one off surveys.

Our consultants are free to negotiate fees to provide value for money.

They donate a minimum of 10% of any fee to WSES for running costs and work in underdeveloped countries. A minimum of 7% is used to fund our projects and associated groups.

Our consultants specialise in various areas which include:

Environmental impact assessments

Sustainable agriculture specialists

Fishery and aquaculture specialists

Various other areas and general ecology surveys

BIODIVERSITY IMPACTS OF RENEWABLY ENERGY

EFFECTS OF SOLAR ENERGY ON BIRDS, BATS AND OWLS

The use of solar energy is increasing quite rapidly mostly on new builds and solar parks. The actual impact is unknown research is most defiantly needed.

The most likely problems are loss of habitat, nesting, feeding grounds and collisions.

Solar farms

Possible impacts disruption of breeding and none breeding birds by displacement through loss of feeding grounds and nesting sites. Collision impacts causing mortality. The same impacts would almost certainly include Owls.

The same impacts would likely to apply to bats with the exception of collisions.

The most likely cause of collisions is by the reflective surface more especially after precipitation.

New builds

The same collision impact would almost certainly be the same as a solar farm.

Other problems that are likely with new builds are the loss of nesting sites due to cavity wall insulation and UPC facers and soffits.

To solve this problem is a difficult one nest boxes could be a solution for birds and Owls. However this is not an option for Bats the answer to this is a difficult one.

EFFECTS OF WIND TURBINES ON BIRDS, BATS AND OWLS

There is very little evidence to suggest a significant impact on Birds, Bats and Owls.

Although there is almost certainly some mortalities through collision with the exception of Bats. The most likely scenario for bird mortalities are at sea by offshore windfarms.

EFFECTS OF HYDRO TURBINES ON BIRDS, BATS AND OWLS

There is no evidence supporting any effect on Bats and Owls the only likely effects are on marine and inland water way birds.