

Information on Stichting Earth Antineutrino Tomography (EARTH) required by the Dutch Revenue System (Belastingdienst) to comply with the Algemeen Nut Beogende Instelling ( ANBI) status

Name: Stichting Earth Antineutrino Tomography (EARTH)

Fiscal number: 8150.52.741

Contact data:

Weehorsterweg 2, 9321 XS Peize, the Netherlands.

Chamber of Commerce Groningen: Reg. # 02089994

Directeur: Prof.dr. R.J. de Meijer

Bank Account: NL59ABNA040 17 28 781

[www.geoneutrino.nl](http://www.geoneutrino.nl)

e-mail: [demeijer@geoneutrino.nl](mailto:demeijer@geoneutrino.nl)

Board:

J.G. Dekker, Chairman;

Prof. dr. W. van Westrenen, Secretary

H.A. Koopmans, Treasurer

Prof. dr. R. Lindsay

Financial compensations:

EARTH Foundation relies on a volunteer staff and board only. Contributions are made in kind as well as in cash . The director receives a reimbursement for related out-of-pocket expenses.

Objectives and status:

The objectives of the EARTH Foundation are: exploration the radiogenic (produced by radiation) heat sources in the Earth's core, and generation of a 3D-image of its distribution, type and strength.

Processes in the interior of the Earth, in past and present, of concentrations of natural radioactivity in the inner core of the Earth and geo-reactors are studied. This has led to new hypothesis concerning formation of the Moon from terrestrial materials.

The only way to study these concentrations and georeactors is by detection of antineutrinos. Antineutrinos are also produced in nuclear power reactors. Hence the EARTH Foundation carries out a research and development project on a compact antineutrino monitor named REACTOR-CAM.

## Reporting:

Progress publications in peer-reviewed scientific and popular scientific media, as well as in newspapers, journals, and for radio and TV programs, are made public from time to time. Precursors, internal reports and progress reports are also produced, which are accessible to the public by our website. Students, both in South Africa and the Netherlands, are involved in our research activities and their work gets published in MSc and PhD thesis.

EARTH, directly or indirectly, contributes financially by supporting students and purchasing equipment. The director holds an extra-ordinary professorship at the University of the Western Cape and is a natural liaison between the Dutch and the South African side.

Progress reports are produced regularly and when extraordinary progress is made. Progress reports are published on the website and can be downloaded.

## Financial accountability:

<u>Financial statement 2017 in euro</u>			
	<u>Income</u>		<u>Costs</u>
Bank accounts 01-01-2017	14242.87	Costs Director	3968.15
Interest:	0.07	Additional operational costs	39.00
Donations	16300.00	Instrumentation	8573.23
		Bank costs	142.95
		Bank accounts 31-12-2017	17819.61
Total	30542.94	Total	30542.94

In addition to the financial overview above, Stichting EARTH developed considerable intellectual property rights, presently estimated at 18 M€ on 31 December 2017.