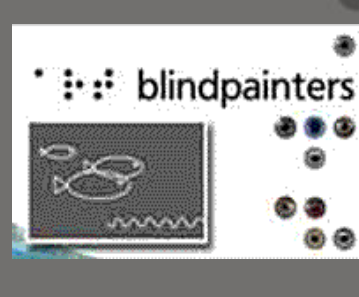


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# World in a Shell Newsletter

March 2010



Message from the artist:  
Less is More - is my conclusion by working on this project for the last decennia.  
See you in Rotterdam  
Hans

## the world in a shell

the polliniferous project

The World in a Shell is a high-tech, self-sufficient unit that functions as a mobile laboratory for living and working. Hans Kalliwooda will travel with the unit to visit indigenous cultures at eleven UNESCO World Heritage sites on all the continents, exploring the boundaries of modern nomadism. At each location, The World in a Shell will function as a swap shop for cultural exchange, deep ecology and human knowledge. The results of this exchange will be collected and distributed like pollen around the world. The World in a Shell will launch in Rotterdam with an exhibition in the Museumpark and a series of events combining seminal lectures, art improvisations and urban discovery.

**Opening: 27 March, 17:00 h**  
**Exhibition: 28 March – 18 April**  
**Location: Museumpark 25, Rotterdam**  
**Netherlands Architecture Institute**  
**V2\_Institute for the Unstable Media**

**www.worldinashell.net**

supported by:

## The Exhibition



On 27 March The World in a Shell will be unveiled in all its splendour during the World in a Shell exhibition organized by the Blindpainters Foundation in collaboration with the Nai (the NetherlandsArchitecture Institute) and V2 (Institute for unstable media) in Rotterdam.

You are all cordially invited to visit the exhibition and the artist Hans Kalliwooda who will be permanently residing in the World in a Shell. It is for free and it will be exiting.

During the exhibition a number of events are organised which will explore the themes the World in a Shell addresses. For these you are kindly asked to reserve beforehand as the number of people who can attend is limited.

## The Programme



**Exhibition**  
27 March – 18 April, 10:00 a.m. – 17:00 p.m., Sun. 11:00 a.m. – 17:00 p.m.  
NAi, Museumpark 25, Rotterdam  
Admission: Free

**Opening**  
27 March, 17:00 – 19:00 p.m.  
NAi, Museumpark 25, Rotterdam  
Admission: Free

**Seminar**  
Art-Meta-Science Collaboration in Sustainability  
Ute Meta Bauer, Robert Zwijnenberg, Han Brezet, Hans Kalliwooda  
1 April, 19:30 p.m.  
V2\_, Eendrachtstraat 10, Rotterdam  
Admission: EUR 7.50

**Workshop**  
The Power of Logic vs. the Logic of Power  
Ion Sørvin (N55), Anne Romme  
2 April, 10:00 a.m. – 18:00 p.m.  
Museumpark 25, Rotterdam  
Admission: EUR 20 (EUR 15 with seminar). Reservation required

**Urban Adventure**  
A Walk in the Invisible City  
Petr Kazl, Wilfried Houjebek  
9 April, 16:00 – 18:00 p.m.  
Admission: EUR 5, Reservation required

For reservations  
V2\_Institute for the unstable Media  
[www.v2.nl/events/world-in-a-shell](http://www.v2.nl/events/world-in-a-shell)

Netherlands Architecture Institute  
[www.nai.nl](http://www.nai.nl)

## The Catalogue

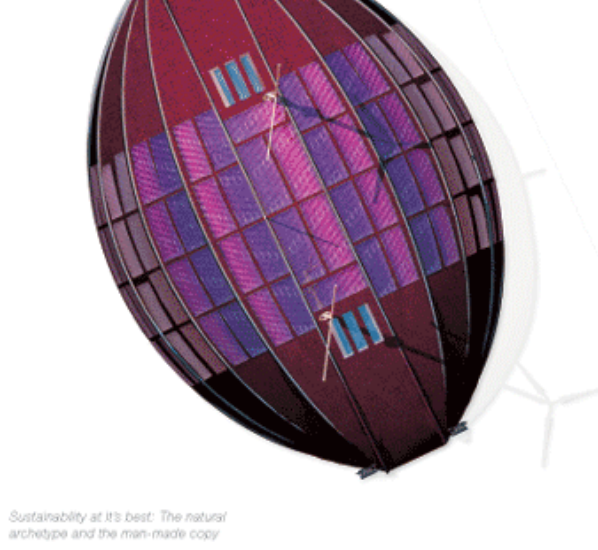


At the opening of the World in a Shell exhibition the first installment of the project's catalogue will be presented. The catalogue is loose leafed, square in size with a grey colorcode indicating the different chapters. The pages are stored in a cargo bag made from the same material as the tent that protects the World in a Shell.

The catalogue is printed on durable, water resistant paper using environmentally friendly inks. With each stage of the project, with each exhibition and each location the project travels to, pages will be added to the catalogue documenting the journey and the diversity of human cultural heritage the project encounters. The catalogue has been designed by Frank Gössinger, David Haberkamp and Luis Soler Monte. The printing has been done by Netherlands first FSC (Forest Stewardship Council) certified printing company Primaveraquint of Willem-Jan Draper. The paper has been specially manufactured by Meerssen Papier and the catalogue is published by the Blindpainters Foundation.

## autonomous container

it is a pleasure to present the world's most compact mini-grid system and self-sufficient living and working unit, complete with its own folding-out mechanism and ability to function in any climate or environment around the world



Sustainability at its best: The natural archetype and the man-made copy

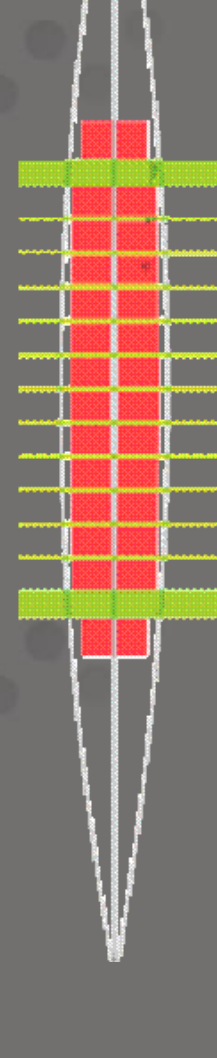
The world's natural environments are rapidly degrading through pollution and mismanagement. The unit demonstrates a practical alternative for raising, storing and consuming energy in an environmentally- and socially-responsible way.

To function independently from local energy sources at different locations the container uses a complex energy system. It is equipped, first, with arrays of photovoltaic solar cells. An expected two-third of the daily energy consumption will derive from solar energy. Wind turbines will generate the remaining third of the energy supply. When there is little or no sunshine nor enough wind, the system will draw on energy stored in dual battery banks, allowing continuation of daily activities. To make sure that the system will function optimally, intelligence has been built in: weather outlook, all devices and energy balance will be monitored. On the basis of this information, a prediction about the future energy balance can be drawn and any necessary adjustments made. The information coming from the integrated sensing and intelligent system will be available on the Internet and used as a case study to define how efficient the unit can be in disaster relief situations.

By being autarkic, the unit doesn't have any of the many needs of the military technology currently used in crisis management. Not only does it sidestep their reliance on fossil fuels, but by making use of off-the-shelf components it breaks the reliance on long supply lines for both fuel and parts. Because it is self lifting

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## Polliniferous and The World in a Shell overview



Polliniferous derives from the field of biology and means collecting and transporting of pollen. The project was initially implemented as an artist intervention into the research system of the University of Technology at Delft (TUDelft) in 2001 with the aim to cross-pollination and the complex interactions between many individuals, students, engineers and professors under the direction of an artist. As a result a self-sufficient living and working unit able to fold out and function in any environment around the earth, containing the world's most mobile and compact mini-grid system powered by hybrid renewable energy, was developed.

Within the project, technology always remained a tool to cross borders in mobility and communication. It incorporates the philosophy of reduce in order to expand, combined with the Fluxus idea to compress an art studio into the size of a suitcase. In this case the aim is to develop and show the practical use of a container designed to function in different settings and circumstances as an art laboratory to explore and inspire with. In fact the concept of home and all its facets identity, autonomy, hospitality, security and warmth is put into a new light fitting into a modern nomadic lifestyle. In addition it is the creation of a temporary autonomous space, where a healthy portion of anarchy can take its course and artists, scientists, entrepreneurs and people of different cultures can meet and inspire each other. In doing that the project can contribute to redressing the imbalance between cultures, and finding a way to combine technological development with care for the environment and forms of social cohesion which are desperately lacking in the developed world.

After the World in a Shell exhibition in Rotterdam the project will travel to eleven remote Unesco World Natural Heritage locations for a period of four months each, followed by exhibitions in between at musea, on biennales and other special occasions. In addition it will function as an interactive platform, providing worldwide interpersonal connections and transfer of knowledge to break down prejudices and intercultural barriers. It will act as a catalyst to question and compare specific cultural directives. The activities within and around the container on each location will highlight and draw attention to those worlds which continue to gravitate outside of global modernity, drawing attention to local knowledge, stimulating cultural dialogues and strengthening the UNESCO Convention on Protection of Cultural Diversity.

Another aspect of the project is its revolutionary use of energy saving and pollution minimizing technologies. Its compact and highly functional design makes it possible for the World in a Shell to function independently as an autonomous living and working unit in all climate and geographical areas. This means that the World in a Shell is multi-functional and can be used for all kinds of purposes. Especially in the field of disaster management and rescue or aid operations, the concept and design of the World in a Shell is seen as a promising new tool. For more information on the World in a Shell - Polliniferous project see: [www.worldinashell.net](http://www.worldinashell.net)



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If you don't wish to receive news about  
The Polliniferous project - World in a Shell  
email NO to [info@blindpainters.org](mailto:info@blindpainters.org)

## thanks for your support

