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### **Introduction**

Copenhagen to Cape Town, a 12 000 km trip with a new electric prototype, window of late technologies. The machine will bring an exhibition gathering informations concerning renewable energies and transfer of technologies. The exhibition will be held in universities, museums and cultural centres of 25 African and European countries.

The exhibition inform about the necessity to reduce human impact on the climate and the Nature. This will pass by the adoption of new technologies. It will support transfer of technologies and energy's independence from the North to the South.

Along the trip, the team will perform conferences, debates and venue of the film "Paris-Dakar no OIL, in quest of a world without petrol" (60 minutes, digital, C&C-Nexus production 2009)

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### **Genesis**

November 2007 – Exhibition "SENEGAL, Man and Sea" Dakar, Paris, then on tour, 200 000 visits.

November 2008 – Exhibition "DAKAR 2040" International Forum on Climate Changes, Dakar.

February 2009 – Departure of the "DAKAR no OIL" on the road with an electric prototype car.

March-April 2009 – Conferences during the trip : Senegal, Mauritania, Morocco, Spain and France.

May 2009 – arrival at the EU and Belgian Senate in Brussels after 6 000 km distance.

June 2009 – Guest at the Velo City European Conference and Show in Brussels.

July 2009 – launching of a new electric prototype

October 2009 – First venue of the film "DAKAR no OIL" at the Albertville Grand Bivouac Festival.

December 2009 – Presence at the World Climate Changes Conferences, COP 15, Copenhagen.

January 2010 – Guest at the Brussels Car Show 14-24 January.

March 2010 – Departure of the COP to CAP.

June 2010 – Arrival in Cape Town, World Soccer Cup.

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### **The Exhibition, On the road to the future !**

#### **Mobility, Housing, Energy Supplies, Food Security**

20 panels with illustrations, texts in English and French (size 180 x 90 cm), extra light printings.

1. Introduction, aim of the project, sponsors, partners.

2. How to get out of the Oil Century ? Could the world be in an endless economic growth.
3. World Climate Changes, Global Warming, Water shortage, Ocean level, Drought, a
4. World Climate Changes, Global Warming, Water shortage, Ocean level, Drought, b
5. The Oil, History, Needs, Uses, Reserves, Carbone World Bomb
6. The Earth, the only vessel we have, population, resources...
7. A city in the South actual portrait
8. A city in the South, tomorrow, a
9. A city in the South, tomorrow, b
10. The renewable energies : sun, wind, earth, water.
11. Bioclimatic architectures.
12. Foods supplies of tomorrow.
13. Mobility : different ways of taking the way.
14. Who is it working ? electric engine, hydrogen, windmill, cell full.
15. Who is it working ? solar panels, turbines, geothermy, nuclear...
16. If the solutions will raise in the South ?
17. Cop to Cap 2010, from World Climates Changes Conferences to the World Soccer Cup in RSA.
18. the prototype, concept and technologies
19. Partnerships
20. Partnerships

Partners : Ministry of Environment, Brussels, Belgium  
 Ministry of Industries, Brussels, Belgium  
 Ministry of Education, French Community, Belgium  
 Belgian Relief and Development Agency

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**Samples : Panels of the Exhibition DAKAR 2040**

**Graphic : Laurent de Sadeleer, Pictures : Cultures & Communications, Videos : C&C – Nexus Productions**

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### **The Challenge**

12 000 km journey with a self-sufficient electric vehicle carrying an exhibition concerning new energies and technologies. It will promote transfer of technologies from the North to the South to provide autonomy.

This exhibition is planned to be perform in 25 countries, several universities and cultural centres.

Countries concerned by the challenge : Denmark, The Netherlands, Germany, Belgium, Luxemburg, France, Spain, Gibraltar, Morocco, Mauritania, Senegal, Gambia, Mali, Burkina, Ghana, Togo, Benin, Nigeria, Niger, Cameroun, Gabon, Congo, DRC, Angola, Namibia, SAR.

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### **The Vehicle**

Prototype, two seats, tricycle, lithium-polymer batteries, charges of 3500 times, solar panels,

dynamos, wind turbines. Light vehicle, with body made with biodegradable materials.

Performances : 400 km at the seep of 90 km/h

Airbags

Air-cooler

Production of water with condensation

GPS, MP3, computer

Leeds lights and direction lights

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### **The Pilot**

Xavier Van der Stappen previously freelance reporter, film maker, leading the Audio-visual Department of Doctors without Borders. Auto of 15 books, anthropologist specialized in the studies on the relations between Man and Nature in Africa. Since 1991, Chairman of the non-profit making association Cultures & Communications. He is building exhibition on the traditional knowledge of the African ethnic groups. Since 2004, He performs exhibitions with the African Ministries of Education concerning the promotion of new technologies.

In 2009, He covered the distance between Dakar and Brussels with his VEAH – electric vehicle humanly assisted – in 165 hours time.