

# NATURAL EVENT

changing the  
world from  
the bottom up



Flat packing Composting Toilet  
for temporary communities  
lacking sanitation  
infrastructure





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**B.A. Environmental Science, RMIT Australia 1998**

**Australian Youth Ambassador for Development, Philippines 1999**

**Founder & Director of the 'Festival of Folk Rhythm & Life' since 1996**

## A brief history of Natural Event's Origins, Achievements and Future Direction

### Australia

- 2000 Developed permanent installation of raised composting toilets for 3000 person festival on own property
- 2003 Designed and manufactured a mobile, flat packing system for expansion into large scale temporary events
- 2003 Natural Event effects legislation change in Tasmania, for the acceptance of collection, storage, treatment and application to land of Composting Toilet material on scale.
- 2005 New Years Eve, Natural Event provides and services toilet facilities for 65,000 people, across 4 events and 3 states
- 2005 Victorian Environmental Protection Authority, recognises and permits Natural Events methods and system
- 2008 Delivery of toilet provision to over 150 festivals since 2003, from Tasmania to Far North Queensland
- 2010 Over 900 permanent installations of the Natural Event Toilet, System and Management Plan, across 5 camping festival sites from Tasmania to Far North Queensland

### UK & Europe

- 2008 Expansion to UK & Europe
- 2010 Alignment / Partnership formed with Susan Design (Norway) to explore the links & synergies between the Festival Context and Development and Emergency Response Sanitation.
- 2011 Natural Event effects policy development for the storage, treatment and application to land of composting toilet material on a national level in England, through the recognition of its system and processes.

### Haiti & USA

- 2010 Orientation visit to Haiti as consultant to Give Love, NGO tackling sanitation and housing issues after the devastating earthquake
- 2012 Maintained consultation with Give Love throughout, return visit to develop design and management proposal of sanitation system of a new 25,000 person housing development
- 2012 Reconnaissance tour of East Coast USA to build team and client base for expansion to USA in 2013





**Glastonbury Festival, Somerset, England**  
**200,000 people – no permanent sanitation infrastructure**



**IDP Camp, Cité Soleil, Haiti**  
**Hundreds of 1000's of People – no permanent sanitation infrastructure**





Everything needed to construct 10 cubicles  
minus collection vessels & plumbing



Cubicles in action

- **Natural Event's toilet infrastructure is compact, flat packing and highly transportable**
  - It can be made ready for deployment on short notice.
  - It is quick to erect and adaptable to irregular terrain
  - It has infinite capacity, and can be serviced and managed without the use of electricity machinery or other infrastructure.

**Natural Event can support immediate, short and medium term sanitation needs and facilitate the development of longer-term integrated community solutions.**





Flat packing, modular cubicles



Flat packing kids loos – units of 3



Urinal wall by the meter – with or without privacy



30 Berth artic trailer – roll in roll out

# Key factor – Carbon Source

-the addition of carbon provides a barrier to disease vectors, covers odour and makes toilets pleasant to use.

-primary or secondary industries producing woodchip / sawdust / organic matter need to be supported and brought into the loop.

-initial input of carbon supply is required to support self perpetuation of the production of carbon from the composted toilet material.



- Infrastructure Logistics – international delivery
- Cubical erection
- Collection Event
- Storage / Transport
- Treatment
- Reuse – deposition to land



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