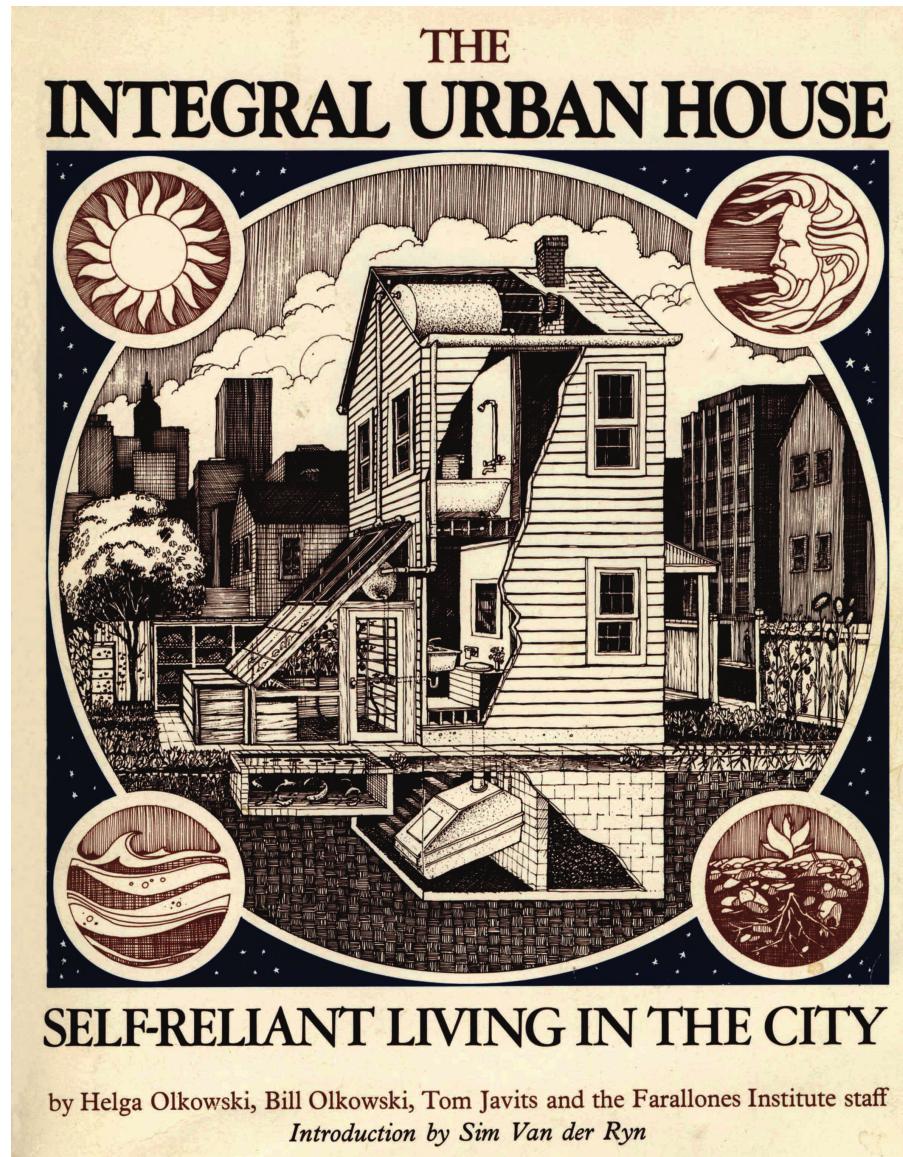


RE-Evolution :

Nature is mad as Hell
and can't take it anymore!

Whole Systems Design



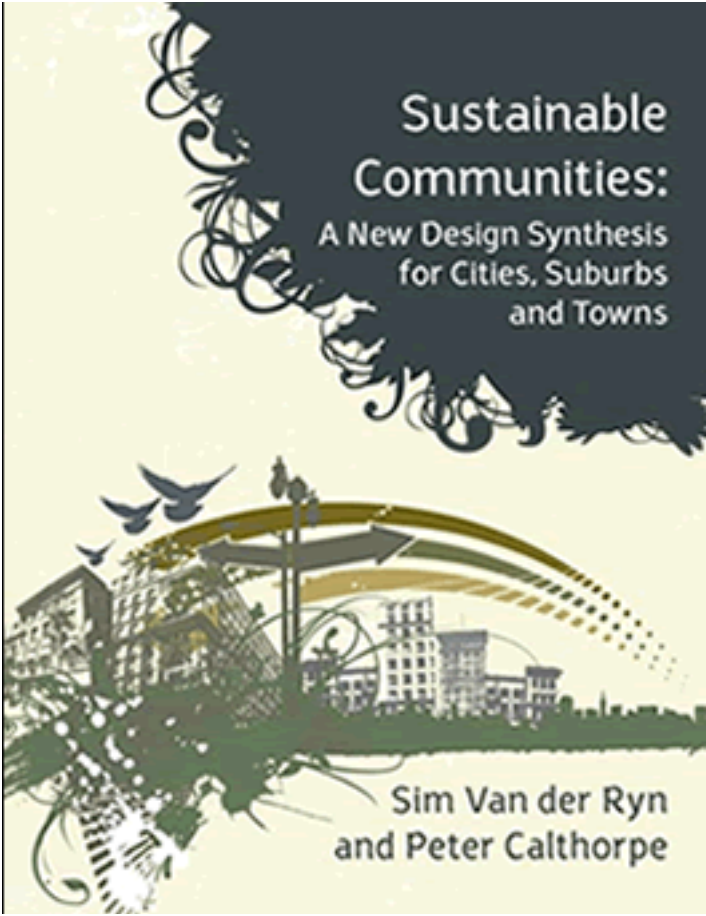
the
**TOILET
PAPERS**



*Recycling Waste and
Conserving Water*

Sim Van der Ryn
Foreword by Wendell Berry





Sustainable Communities:

A New Design Synthesis
for Cities, Suburbs
and Towns

Sim Van der Ryn
and Peter Calthorpe

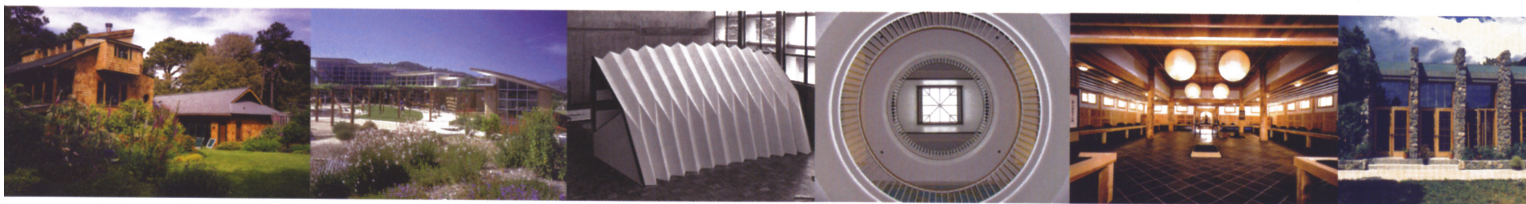
10th ANNIVERSARY EDITION

ECOLOGICAL DESIGN

SIM VAN DER RYN
STUART COWAN



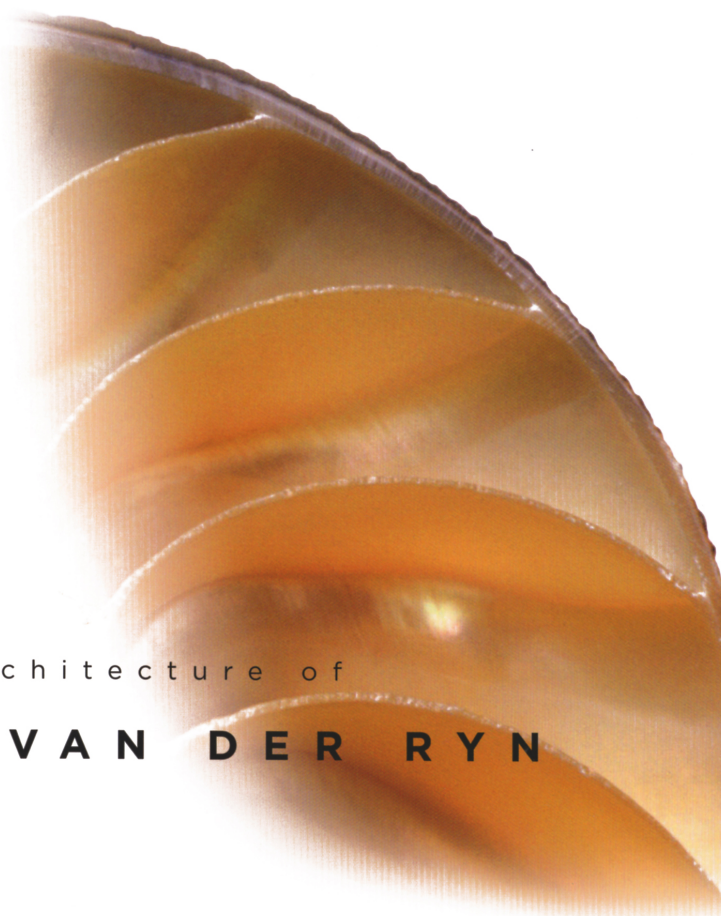
with a new introduction by the authors



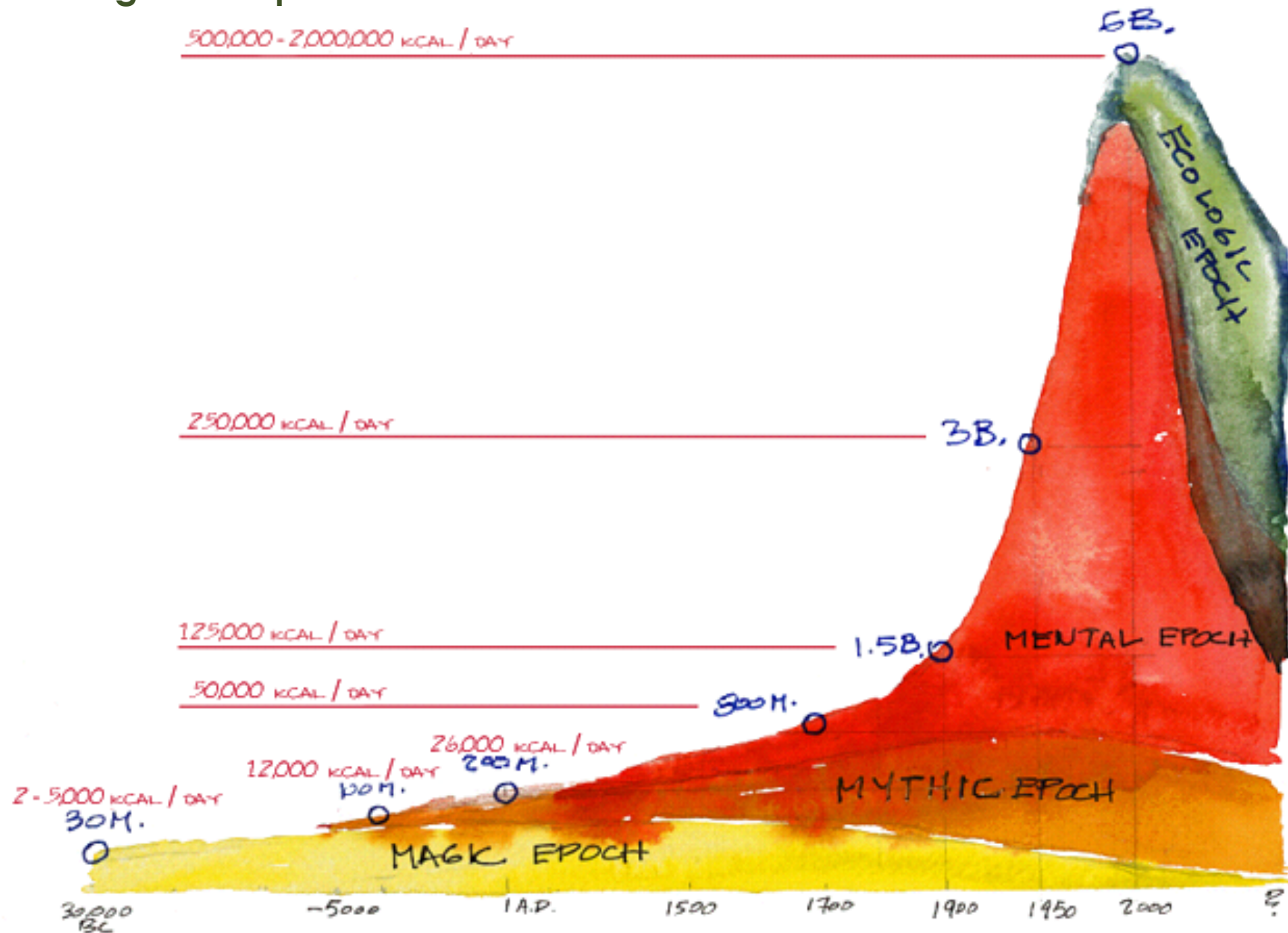
DESIGN FOR LIFE



The Architecture of
SIM VAN DER RYN



The Ecological Leap

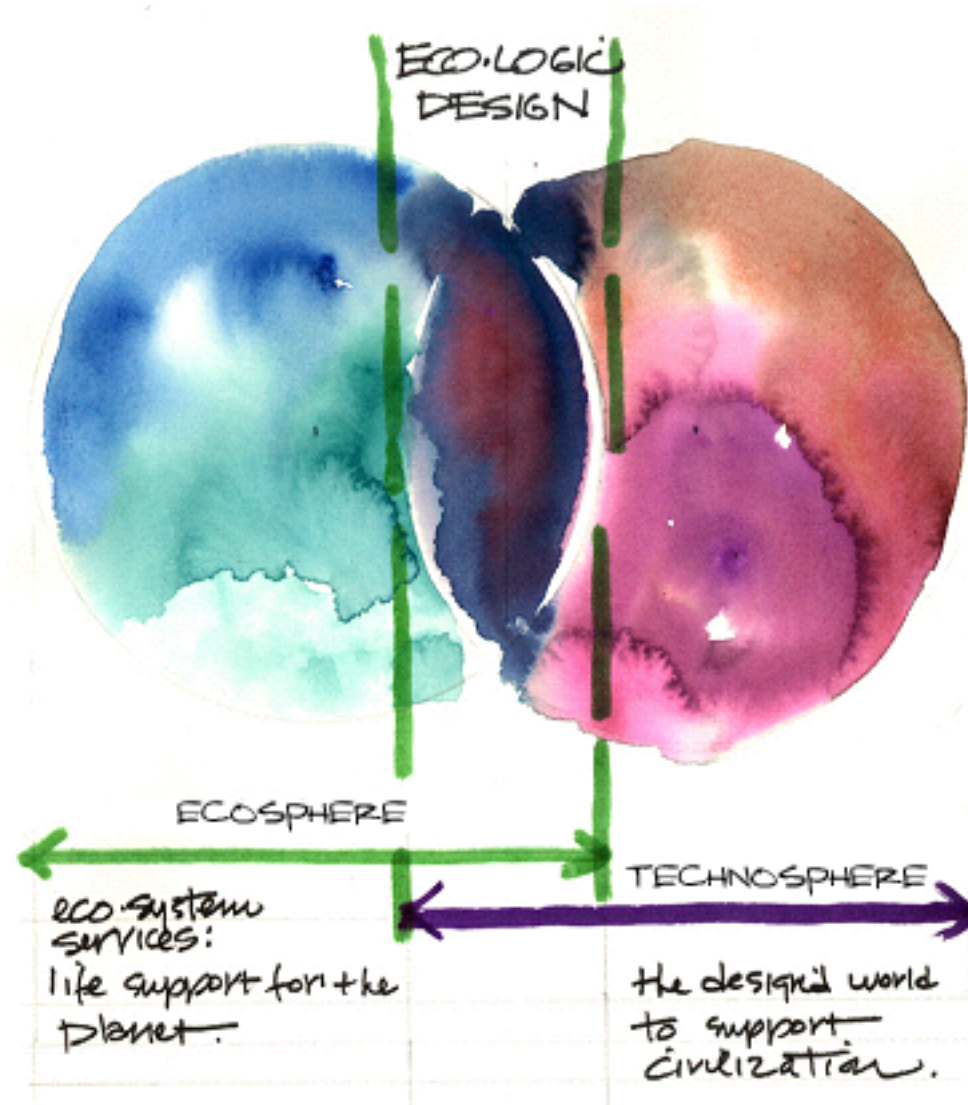


CULTURAL EPOCHS: TIME, POPULATION, CONSUMPTION

Eco-Logic: Merging Nature and Design

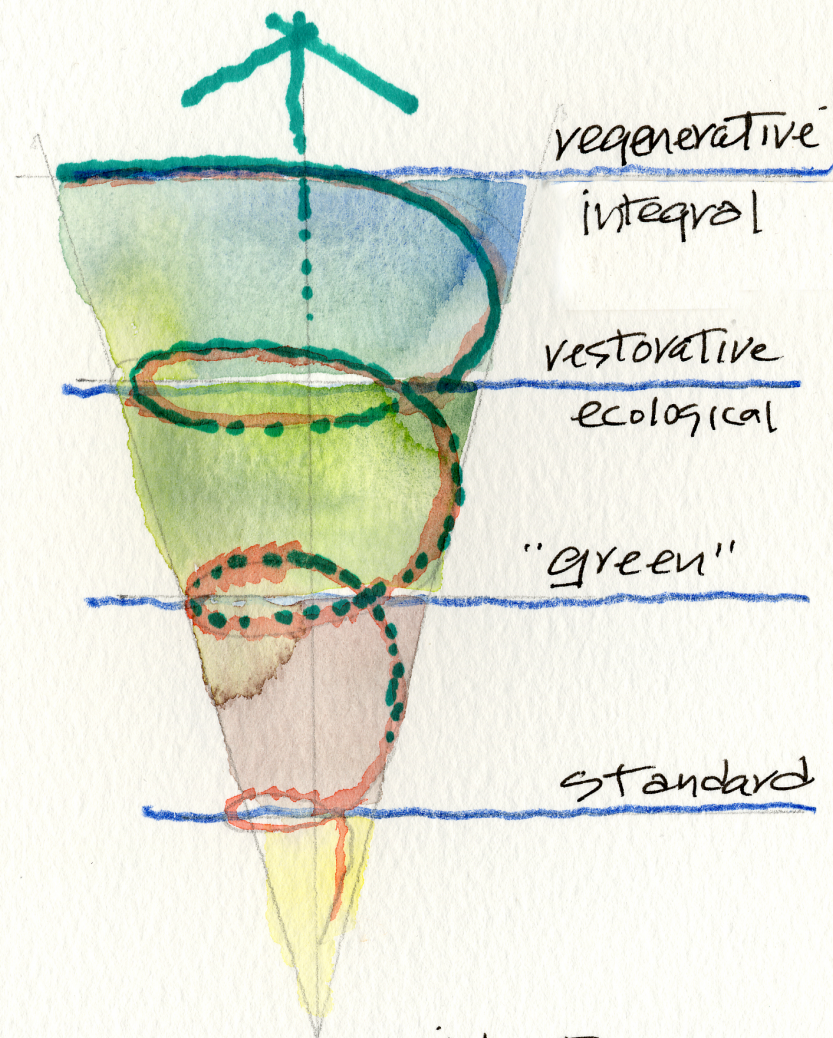
**Natural Capital &
Ecosystem Services**
“Life support for the
planet.”

Air Quality
Water Quality
Photosynthesis -
Oxygen, Food,
Fiber Production
and Energy Storage
Climate Balance
Biodiversity
Absorb and
Process Toxins and
Wastes



Design Capital
“Knowledge-based
design and
technology
supporting human
civilization.”

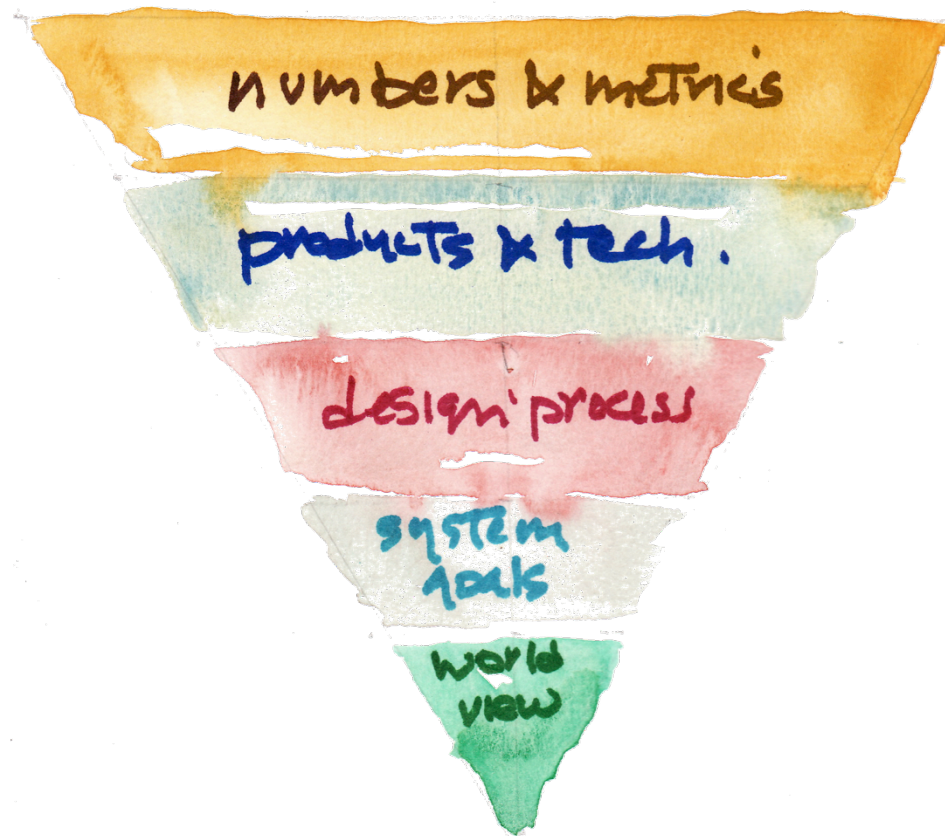
Buildings- Design
and Construction
Electrical Grid
Production and
Distribution
Water and Sewer
Systems
Transportation
Communications
and Information
Technology



Towards Sustainable Design

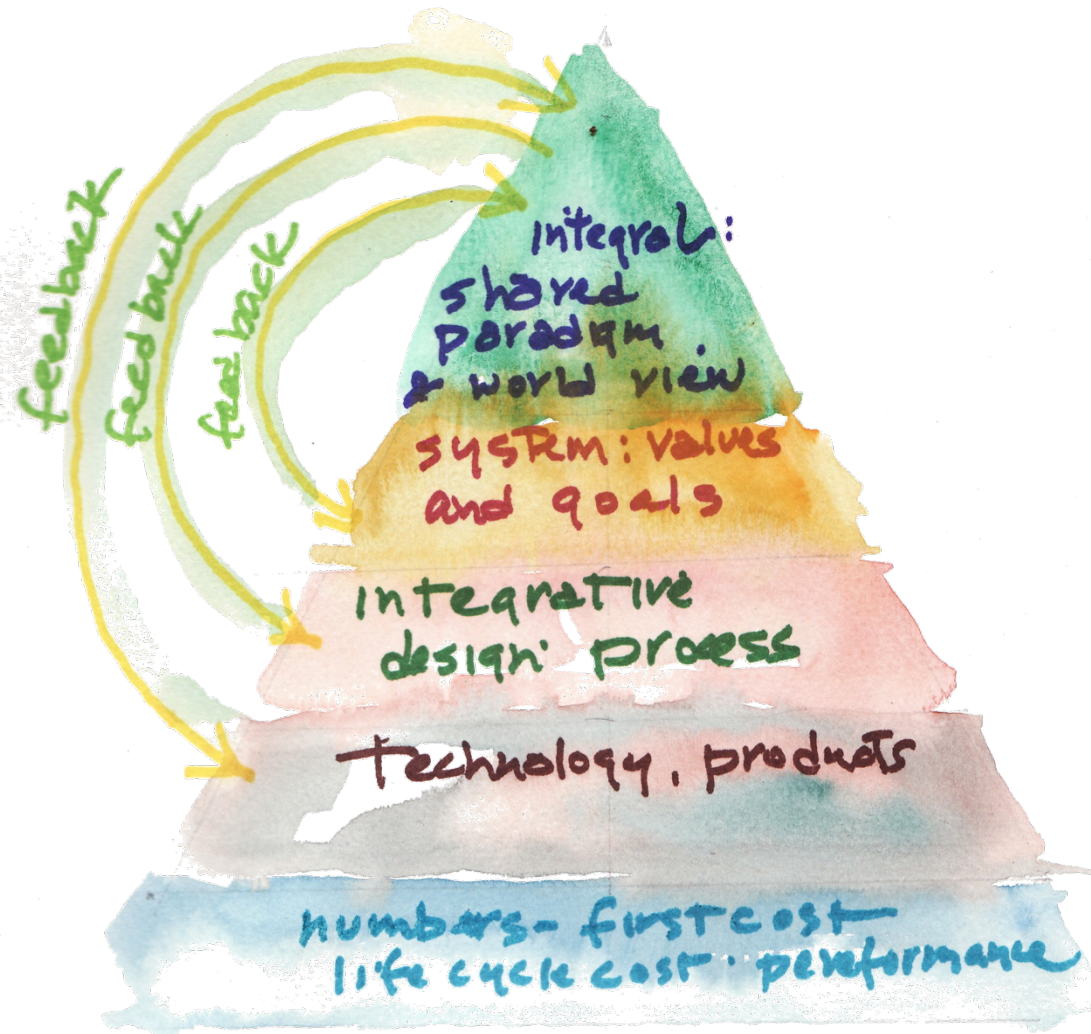
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2005



THE UPSIDE DOWN DESIGN
PROCESS

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DESIGNING A DESIGN
PROCESS THAT WORKS
NOT

Framing the Integral Epoch:

