# Leveraging the Power of STORY to Achieve Greater Sustainability



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## Storytelling for Business













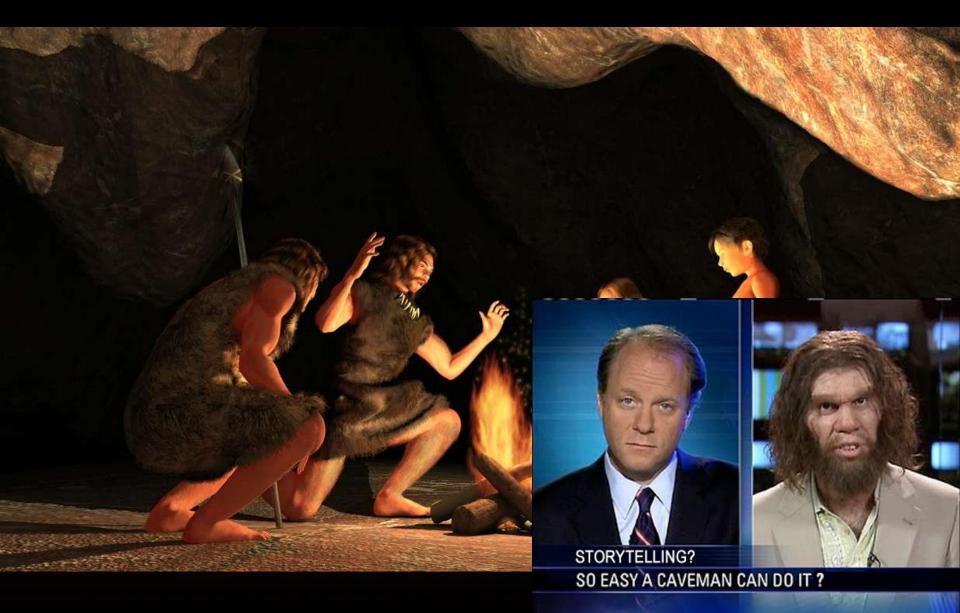








### Why story works



### Why story for sustainability?

"A story can go where quantitative analysis is denied admission: our hearts.

Data can persuade people, but it doesn't inspire them to act; to do that, you need to wrap your data or facts in a story that fires the imagination and stirs the soul."



### Story Purpose



### Data & Facts vs. Story

### Story:

- Vision
- Memories

### Data & Facts:



- Language Processing
  - Comprehension

- Motor Cortex
- Olfactory
- Amygdala (emotions)

### Know your audience!



# Use a story template

### Avoiding Toxic Chemicals in Commercial Buildings "Common Hazards, Risks and Opportunities" 30 November 2016

There are over 250,000 commercially available chemicals on the global market and less than 1% of these chemicals have been tested for safety. And we come into contact with hundreds of chemicals every single day.

One study has shown that up to 300 contaminants can be found in the umbilical cord blood of newborn babies. And while cancer survival rates have improved, the number of new cancer types and increasing rates in children are alarming.

While food and water ingestion are the primary pathways for toxicants in humans, recent research has shown the impact dermal pathways of SVOC's and phthalates from the built environment. Some of the chemicals in common building materials are known carcinogens, neurotoxins and endocrine disruptors. Using the "precautionary principle", we must assume that these chemicals may also have pathways into our bodies and they most certainly negatively affect the environment, including our food and water supply.

Just as rating systems such as LEED and the Living Building Challenge transformed the market and increased knowledge across the design and SOLUTION(S) construction supply chain (including products/topics such as toxicity of vinyl or the health benefits of low or no VOC materials), we can now educate ourselves and evaluate the chemical content of materials using HPD's and EPD's and other web-based resources available today to drive REDICES STOUS A change in the supply chain of building materials. OR DRIVING CHANGE?

Imagine if all the products we used were designed and constructed to function as elegantly and efficiently as anything found in the natural world. Imagine if these products were made up of materials that were y biomimicry and biophilia and manufactured by processes HUMAN HEADER EIGHT ted more energy and water than they consumed -- in facilities renewable resources. Imagine products that improve our TYPE WHAT WHO fe and bring joy through their beauty and functionality, give more than they take over their total life cycles, man health, the world's ecosystems and the climate. Risks in Our Buildings? chemicals of concern and human risks. Show RED LIST various sources for buildings ls (and Alternatives) in Building Products COMMON HAZAKDS n materials and products and most offensive chemicals own alternatives. · HCTT/S What Can We Do Now?) . Natural Ref.? among other project concerns d Rating Systems (LEED, WELL, LBC, LPC) interproventerals, cleaning. (REACH), Other?) Pesticides, Fertilizas. (D) PRORMES? s (Labels) TOUS & RESOURCES arations (HPD's) databases act Declarations (EPD's) (4) PRODUCT CHRISTIANOS RATING SYSTEMS & STANDARDS

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Spoken Content

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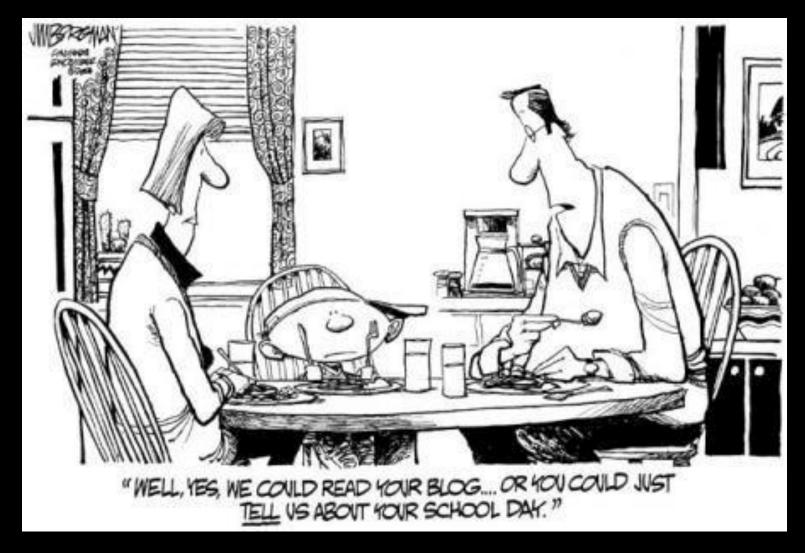
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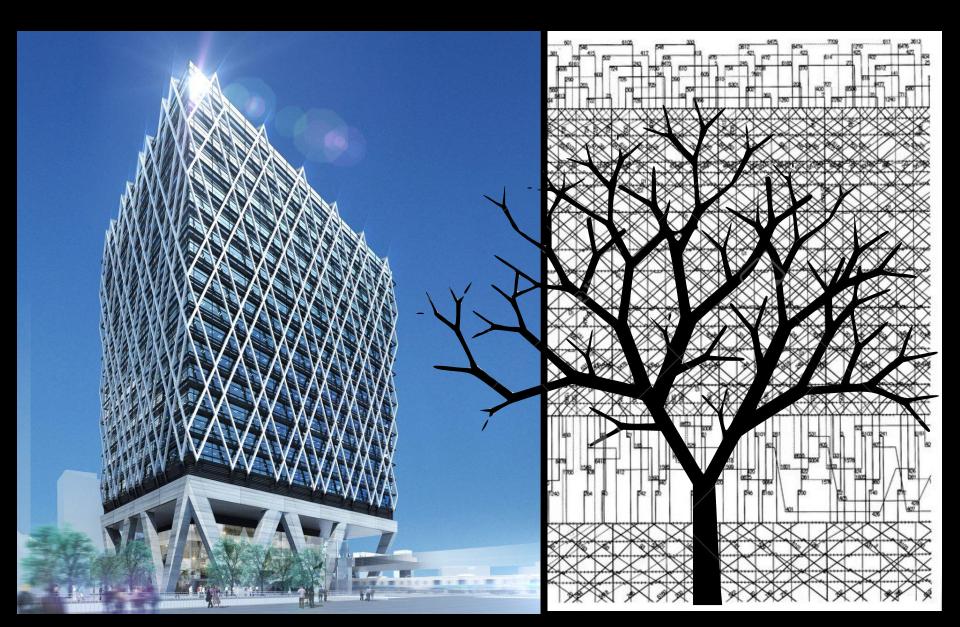
(Beto, et al)

### Story Structure



Context • Character • Conflict • Resolution

### Analogies and Metaphors



# Analogies and Metaphors



"The cooling concept is similar to experiencing a light breeze under the shade of a tree."

### YKK Headquarters Project

































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Setting • Challenges • Turning Point • Solutions • Resolution

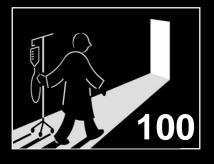
### YKK Headquarters "story"



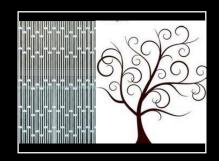


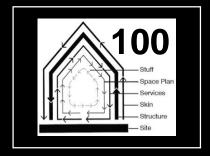




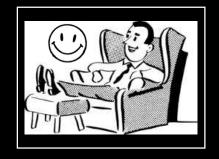








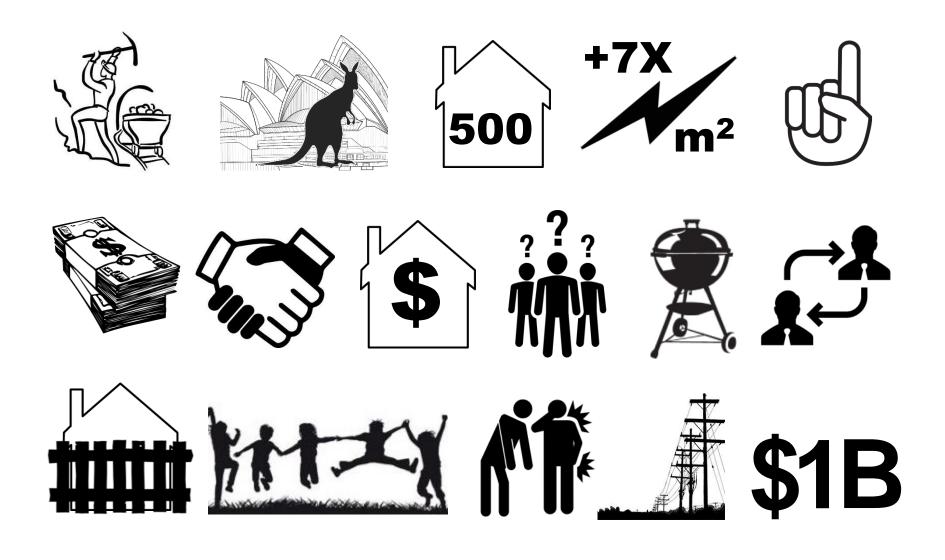








### Selling Sustainability with story



### Thank you



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