

# Collaboration Technologies: Response

Steve Whittaker,

University of California at Santa Cruz

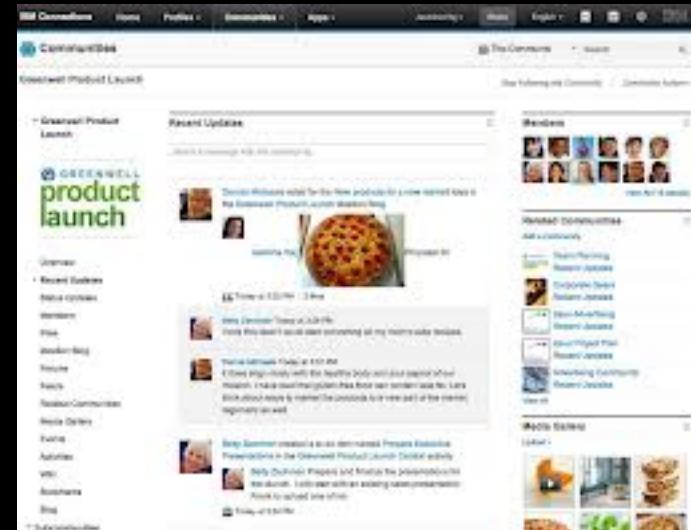


# Reactions

- Thanks!
- Excellent framework/summary
- What's missing?
- **Community** tools: forums, wikis, files...
- **Shared data** as problem and solution
- **'Leader-based'** deployment
- **Science** to explain paradoxes

# Community tools

- Text-based social media tools
- Forums – Q/A
- Wikis – structured knowledge
- Files – assets
- Functions: talk, create knowledge, network
- Need: **scale** and **active management**



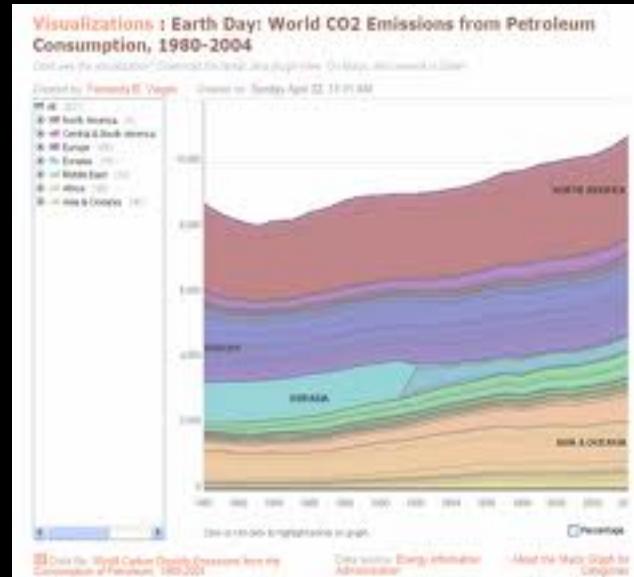
# Collaborating thru 'small' data

- Data as **work focus**
- **Small teams**: slow migration from email to assets created in Dropbox, Drive
- Lightweight process and structure
- Solution to **awareness**: see who has done what



# Collaborating thru' big data

- Data as **work focus**
- Social science transformed by clickthrough, sensor data?
- '6 degrees of separation', evolutionary psychology
- Now private: phone companies, google, facebook
- **New tools to collaborate through data: Manyeyes?**
- **Awareness:** who did what



# 'Designed' deployment to avoid failure

- Tools usually **fail**: 84% extinct communities
- **Best practices**: for Dropbox, Drive, wikis, blogs, workflow
- Otherwise fall back on email
- Need **science base**



# Science: explaining paradoxes

- Often our intuitions about effective tools are **wrong**
- Video vs. texting/IM?
- Virtual worlds?
- Large displays?
- **Why?**

