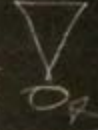


Assuring Future Access, from Infancy to Maturity

Bram van der Werf

Use it or lose it 

crowd publishing

- + COMMODITY FOR DP IS BETTER THAN CUSTOMER MADE SOLUTIONS
- + PRIVATE CURATION IS BETTER THAN PUBLIC/INST. CURATION
- OWNING = CARING (FUKUYAMA)

MANTRA. MAINTENANCE VS EXPERIENCE
CREATING TAKING

VAN TAYLOR naar JURAN

E-waste
data consumption

LONG-TERM ACCESS =

- SELECTION/OWNERSHIP/ADOPTION
- + CURATION
- + CONSERVATION

SPECIAL ATTRIBUTES

- + projects = kanker van lange termijn investeren
- + ORPHANS/ABANDONED ADOPTION/FOSTER PARENTS/STEP PARENTS

Respond to changes

Online Plus Collab

CERTIFICATION

REGULAR PROCESS = INDEFINITE OWNERS
INSUFFICIENT ORPHANS

R&D PROJECTS = TEMPORARY OWNERS

NOT MATURE FOR LONG-TERM

- ELITARIAN
- TAYLOR DENKEN

R&D-denken

CONSUMERISM E-WASTE
PROJECT MATS DENKEN

COMMUNITY SOLIDARITY?
ARE WE COMMUNISTS?

COMMUNITY MERIT & RECOGNITION
SHARING VALUES

R&D → Maturity → Preservation

Standarden/974

Curation
the more you know
the more you care (TAM)

Ownership
UNDEFINED
OPEN ACCESS
SOURCE
PUBLIC DOMAIN
INCUBATOR
Platform Review

OWNERSHIP
CAREING
FUKUYAMA
OPEN ACCESS
PUBLIC DOMAIN
COMMUNITY?

OWNERSHIP
CAREING
FUKUYAMA
OPEN ACCESS
PUBLIC DOMAIN
COMMUNITY?

Who cares about what

- Data Curation & Policies
- Ownership & Licensing
- Selection
- Access and Usage

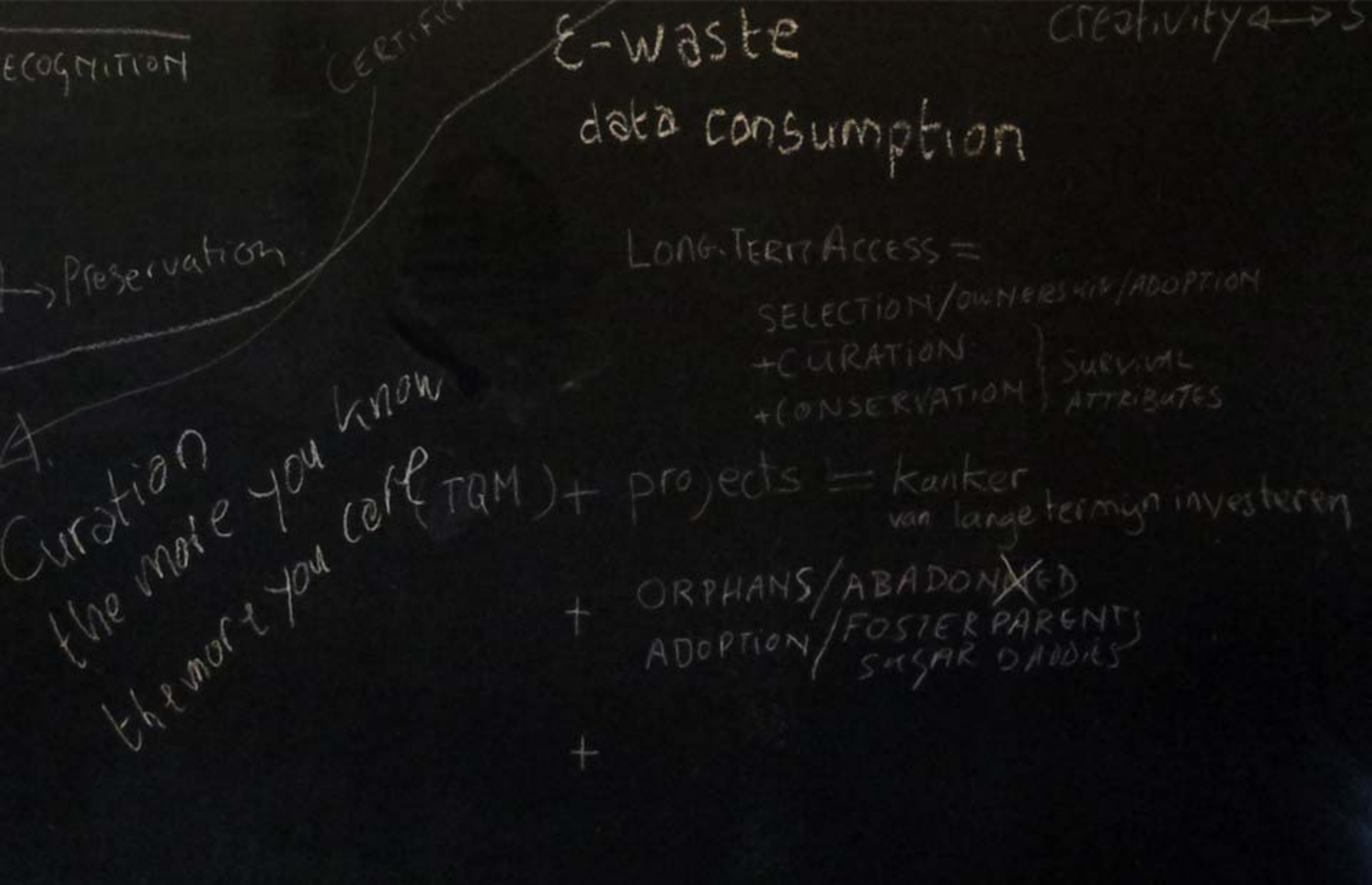
MANTRA: MAINTENANCE VS EXPERIENCE CREATING MAKING

- Preventive

- Health Checks
(TRAC, Drambora, ISO)
- Cleaning
- Calibrating

- Corrective

- Repair



Expected outcome from funded projects and real outcome

We expect tools and services

- Stable Software
- Reliable data sources
- Guidelines
- Best practice

We get software orphans and abandoned data

- Uncompleted Software
- Unmanaged Data
- Demo's and Prototypes
- Reports
- Reports
- Reports

A community of stakeholders

Long term Access Challenges

- New technologies & formats
- Unsupported legacy software
- Scalability
- Growth of data
- Data quality

Long Term Access Remedy

Research and Develop

- Projects
- 5 year outlook
- Academic
 - Publication
 - citations

Learn and Respond

- Organizational process
- Apply today
- Operational

A mature learning organization can assure Long Term Access

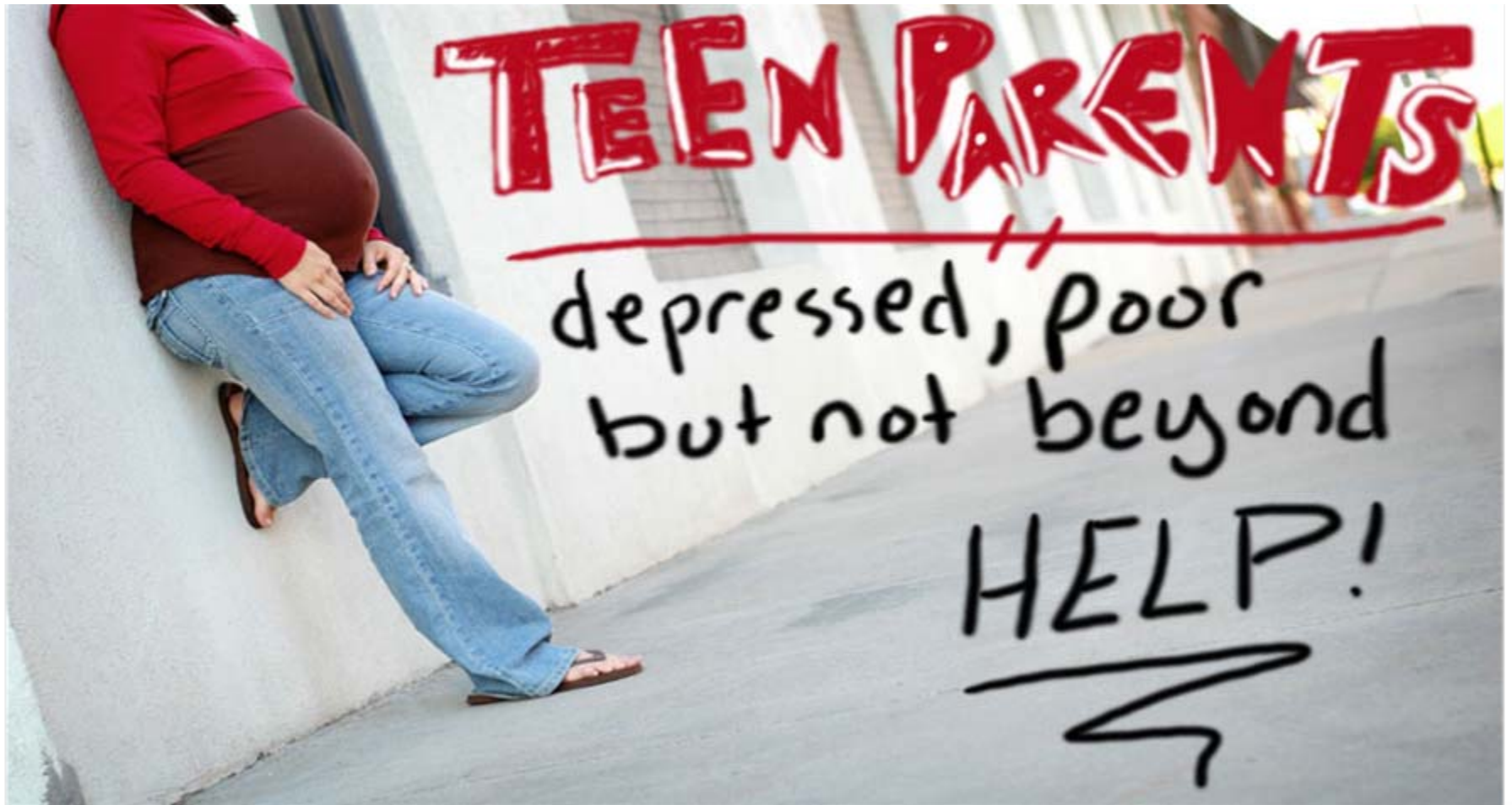
Projects

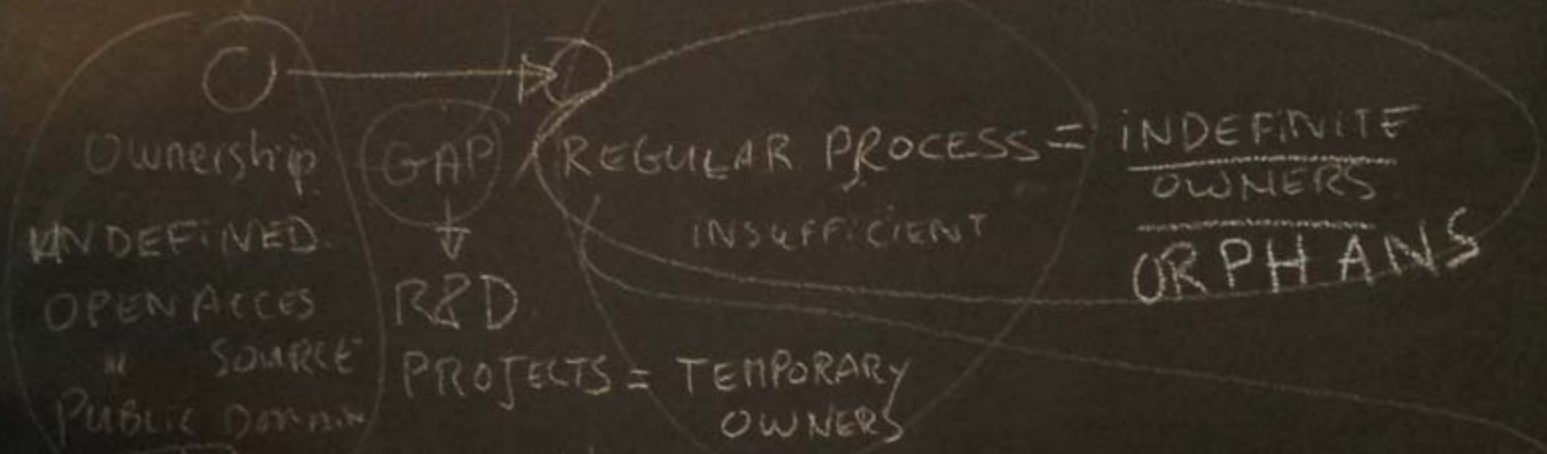
- Tools
- Guidelines
- Instructions
- Practices
- Best Practices

Organization

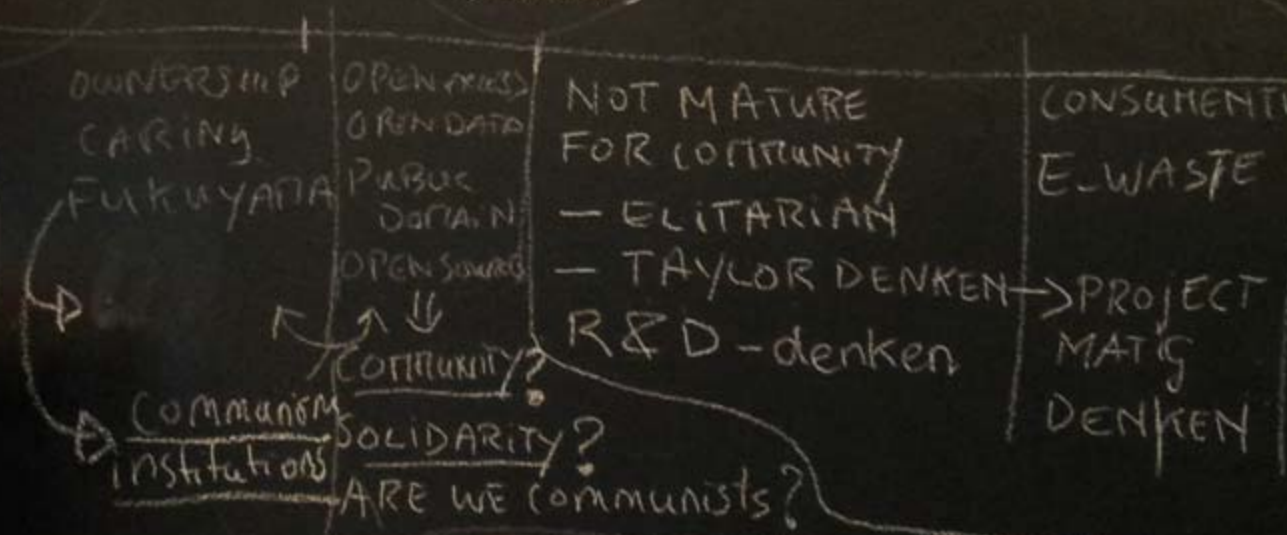
- **Having the right staff**
- **Retention of staff**
- **Development of staff**
- **Career Paths**
- **Challenges & Incentives**

From infancy to Maturity in the digital domain





anecdotes
Planets Review

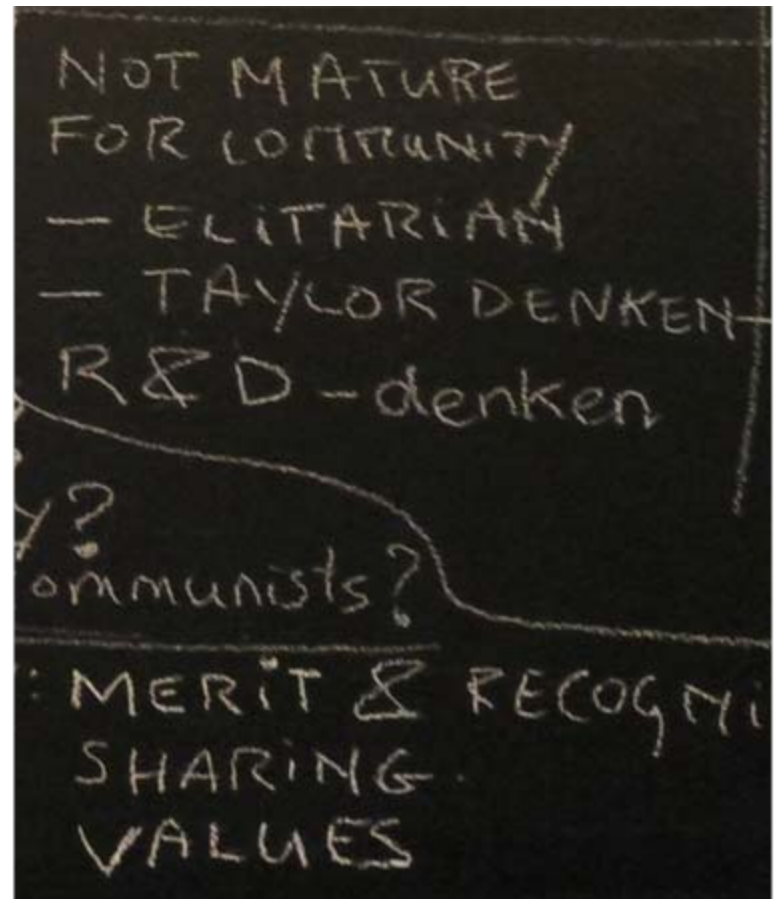


COMMUNITY: MERIT & RECOGNITION
SHARING VALUES

RESP ch
only col
CERT

From Taylor to Imai and Kaizen

- From top Down Design to
 - Iterative Development
 - Involve users, makers and stakeholders
 - Training & education
 - Reward



Orphans & Maturity

Humans

- No parents
- Living in an orphanage
- Need for
 - Food
 - Care
 - Education
- Success
- Recognition
- Status

Software & data

- No owners
- Sleeping in Sourceforge
- Need for
 - Maintenance
 - Users
 - Life Cycle Development
- Success
- Recognition
- Status

Why do we orphan tools & services?

- High dependency on temporary funding
- Unrealistic functionality, too ambitious
- Hard to deploy
- No plan for life cycle
- No business plan

The challenge of orphaned tools and services

- No owners
 - No support and maintenance
-
- ACTIVE Users assure long term perspective for survival
 - Business Plan to assure maintenance and life cycle

1st step, define Ownership, IPR & Licensing

If we want

- Open Access
- Open Data
- Open Source

We need to define

- CC
- Apache 2, BSD, GPL

Example 1: Open Source Development, the community solution

- It is not buying / consuming
- It is about active participation and collaboration
- USERS, COMMITTERS and MAINTAINER's
- Committers & maintainers from the community!
 - **AND IT IS NOT FOR FREE!**
 - Long term vision and people investment
 - Dedicated Community

Example 2: Or Preservation as a Product?? The commercial solution

- Consuming
- Buying
- Vendor dependency
- Tendering
- Outsourcing



Maturity Process

Institutional

- Regulate
- Compliance
- Certification

Practical

- Act
- Learn
- Step by step

An Active Preservation Community

- Adaptive to innovation
- Maintaining Tools
- Develop Solutions
- Fix problems
- Working together
- Trained People
- Committed People
- Qualified People
- Dedicated People
- Communicative People

A mature community of merit with many motivated people empowered and rewarded by their organizations
