

FASBA's straw building activities

ESBG 2015



LEGALIZE IT

THIS IS A STORY OF ...

Quality.

Evidence.

Responsibility.

THE SYSTEM

Undermine it?

Change it.

Use it.

***achieve the one without
abandoning the other***

QUALITY

as a material and in building:

- ▶ *pure golden straw*
- ▶ *long, oriented fibres,*
- ▶ *a certain density*
- ▶ *certain dimensions*
- ▶ ***nothing else, right?***

EVIDENCE

Tests of flammability

Tests of thermal conductivity

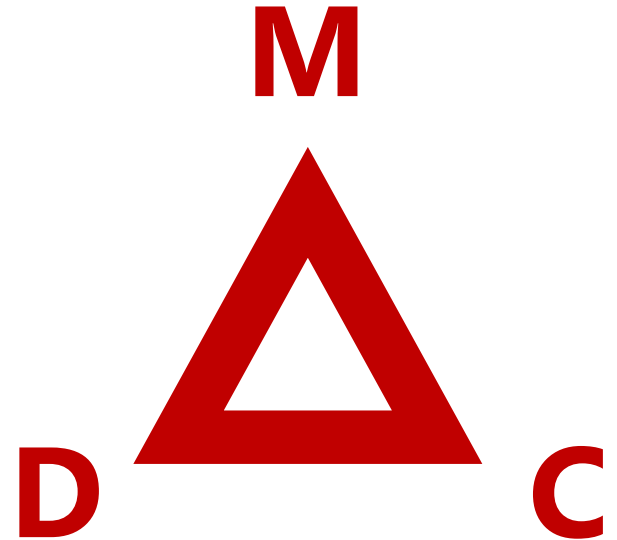
Tests of ...

Usability **certificates**, such as
ETA's, which **translates**
scientific and laboratory work
to **building reality**.

RESPONSIBILITY TO CLIENT AND SOCIETY

**Manufacturer for
material, Craftsmen for
installation and Designer
for suitable application**

***Don't break that
magic triangle!***



MANUFACTURER

straw (from the field)

In house monitoring: meeting
basic properties/ requirements

Initial inspection/ **external**
monitoring: all relevant
properties

periodically retention samples

CRAFTSMEN

Installed straw

Declaration of compliance

for density, thickness and other requirements of the usability certificate (e.g. ETA)

Training/ approved abilities

DESIGNER

Compliance to range of application

referring to rules, standards, guidelines, approvals

Training/ approved abilities

LET'S DISCUSS IT!

Thesis 1

A general approval/ usability certificate such as ETA on european level or ABZ (national/ german) is a non-bureaucratic, minimal invasive in-system-way to build with straw

LET'S DISCUSS IT!

Thesis 2

**An ETA/ ABZ document the
state of science & Technology
and our common knowledge**

LET'S DISCUSS IT!

Thesis 3

Published knowledge has influences on many levels. It is not evil itself but the way people use it may be.