2nd session: developing world (majority world)
- various bulguords - elucation (es. melsan microscope)

@ school age

plolic health, open acons
bis hach: PCK diagaosis??

? How do me establish coedebility of OSH? Business Model retr3d

List someone sell it as a product

Novemment? (cose studies matter a lot Marc: examples? I tack for

trade)

Daviel (University Ander of Clite) - established maker space - funded with a bossiumer debelopment remixt also solved age sessions

(!) Hour can me encourage to majority world to contribute not just adapt?

Lesser this happening @ STICLob! hour to document & share?

"Arcestral (cambedge)"

Afternoon #1: Upscaling

Tactics: - Workshops

- Sell a product (badegand brains)

- lo-design

- Nord of morth

- Key people - influences/exthrsess

- Find organisational pourtures w/shoved goods

- Road veep & intestones

- Mass medica / social medica

- Online community brilding

- Furding

- Woddairty (spirt into smaller/essier/independently useful)

- UX for new users

- Explicitly meleoning > onboarding

- Tanget specific groups (vlay is this interesting)

"Kits a Products" movey (up-front cost of production)

o Barriers 

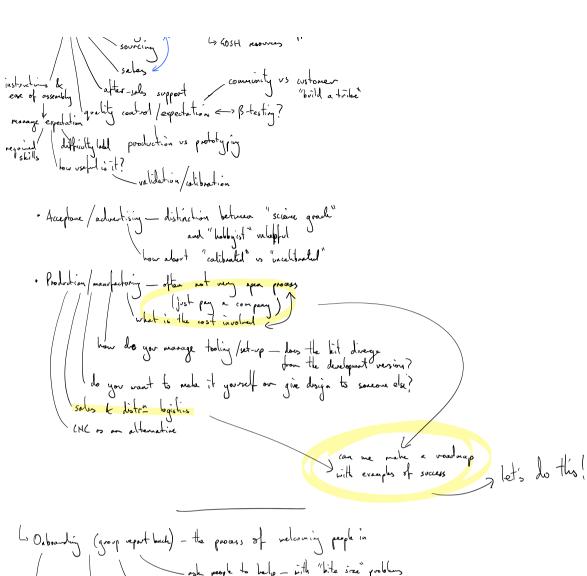
negroations 

sourcing 

sourcing 

sourcing 

comments vs customer



sharing stories to belp - with "bite size" problems We must actively bains to set up need to know sets role models
you're not you'll giving" set expectations of what you get out -> people in - or we will

inject into existing community eg teachers can be v. challeng

PM #2: Standards

"universal play play"

· Stanlards for interfaces to encourage re-use & avoid re-invention
. Equipment that am take publishable data > is it calibrated? is it quantitative?

- Design constraints

· Standards are important to interest or others (electrical engineering background)

· How do you standardise a driga - make it consistent? · Different stondards for different regions

Are stondards reeded for bio staff · Do standards break equity Formal standards for manifacturing, sale, certification - and how Standardising hardware performance we deal with that Legal do me want our own

Standards I how could be interoperability

set this interperability

exoperability (expensive) certification often expensive & closel Quality control, safety, extrics interoperability & reuse Equity 4 accessibility Safety

safety

accuracy

What do standards do

best practice compatibility 6 Starlad for artifuge force EMI standards > c.f. roadrap for the dea to - product process: costd of me have a flowchest for which standards you need to hit, with helpful hints / examples / contacts? Does COSH reed a standards aroup? ) what standards should me create? There we some standard buts of hit · Centrifiqe map out standards for · Pipette · Themocycler

· Thermocycler these ? · Microscope Journal summarise for non-values of folk summarise for non-values folk summarise for non-values folk summarise for non-values folk summarise for non-values of lat's as-good-os library of standard testing protocols allow test protocols to be referred PCR decided shouldn't need to be a journal create an environment to allow standards to emerge . File formats often not standard open OSHWA standards for openess · l'eccommendation vs Standards - often more approprinte for vs? · Example of open standards: Open Geospatial Consortium US GEO JSON took off because of good libraries

G grassrooks - not from RSC · where do standards live That Hub? our sevrer? . hou do you "peur review" handware · Political standards (e.g. public lab/heatth/environment monitoring) · Sloan report on open hardware standards (?) How do you define interfaces (e.g. the control or data sharing)
without being too prescriptive (e.g. defining the top-level SW environment)
I go for higher level description
I standardise data formats (?) What will me [do]? Standards are created by the community shorld think about standard & protocol for testing

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Standards are created by the community we should think about standards

Public Lab working on performe standards

Make protocol four our equipment

Should be some that analyse what needs standardised

Establish bosic/local vorting practices = E.g. Drop Bot

Should it disagn something, include tests/protocols

School the design that has a test

Richal: document my tests explicitly