Workshop "Fab Labs and Sustainable Development Goals; The Next Round"

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Teamwork reports

Teamwork 1

- What we did

  - Spread the SDG word to fab labs

  - Offer workshop format to local fab labs

  - Collect the SDG profiles, put them on the map and give feedback to the lab

- The result

  - 53 / 1500 labs

- **TEAMWORK 1 (discuss and report)**

  - **What was good in what we did so far?**

  - **How can we improve our score (53/1500) and our impact?**

  - **Which other suggestions do you have?**

A1

- 169 undeline
- we only focus on max. 4
- 56 Rigestered labs
- 92 have No(4) in thier phofile:
- ~~that~~ · why the rest do not have it?
  - what are the Topics they do.
- MDBS multilateral dev. Banks

SDG	what we do	How	opperlud

* world bank
USAID -
embassies   600,000 18

vodafone

WIKIFACTORY

17 - we enable sharing solutions
so that we have less
duplication, more sollaboration

10 - EQUALITY OF ACCESS TO
TOOLS OF DESIGN & PRODUCTION

12 - CARE ABOUT WHERE YOUR
PRODUCTS COME FROM
CIRCULAR ECONOMY,
PRODUCE ONE,
NOT A BATCH

9 - BRING TOGETHER
PEOPLE TO WORK
TOGETHER

MDB.

└→ Regional development banks
tie certain donor
countries with certain
receiving companies

financing

(Request
for
Expression
of
~~Interest~~)

~~FABIANS~~ can
suggest projects
but the gov
needs to sign-off

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	Σ
1) CHRISTINA ...				X X	X				X	X	X	X		○		○	X	2
2) K	X			X		○						X	X					4 4
3) RACHEL				X					X				X			○	X	2 2 1
4) JOSEPH ...										X	X	X X	X ✗				✗	3 2
5) BENO	X			X								X	X					1
	1			4	1				2	2	1	3	2				2	

C1

- What has been done so far?

Sudan: Romisa → 1/5/4
  - employing people/ women in particu
    lar) in Textile, supporting with Tech
  Mahoreb → 7
  - More efficient solar power
    systems, in agriculture, water
    pumping

DAI: - Opensource projects
  - floating warning system /13/
    ↳ 27 units of sensor (300 $ Box)
    - call Thousands in Cambodia
      if There is a risk
  - Control of pressure water 6/
    - ~~redious~~ clorine → quality of water
      remains
    - pressure
    - infiltration
    - ~~philippies~~ indonesia

dynamite fishing: 14/

- had To catch Them
- Tools for The police To monitor when is happening
- help To increase The pression on people ThaT are not doing Their Job
- philippies

Jan Dirk: - projects on healthcare 3/9

↯ fablabs has no Knowledge of The systems on The fields

↑ useful The Locals colaborators to iterate protobypes, eTc.

D1

4 - 5 - 8 - 9
6 - 9 - 1 - 10 - 4
4 - 5 - 9 - 10 - 12 - 17
17 - 9 - 2 - 15
4 - 9 - 8
17   (regional network)

- Challenging the falhers about SDG's

- Offer purposes through SDGs

- Sensibilisation of better interfab collaborations, meeting and face labs with same motivations/questions/SDG's

Teamwork 2

The map gives us new insights in the identity of the fab lab network

- It shows what we have in common
- It shows what is different
- Can we can find twins, trio's and quartets?

TEAMWORK 2 (discuss and report)

- **What can a fab lab do with the map?**
- **What could the network do with the map?**

A2

1. Personal introduction
   - Africa lab / Tiger fab lab

2. SDGs:
   - 1 ~~tax~~, 1 poverty
   - 4 → education
   - 6 → 6 clean water
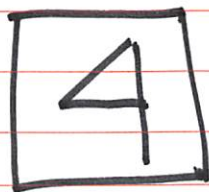   - ~~7 green energy~~

3. Application: yes we apply

4. iT meets our SDG (~~4~~), 1

   Experce:- fablab + Tecnicalmebs
   objective:
   implentata:
   Results:

5. financial proposal

6. ~~we have a financial~~

vodafone

B2

$$\boxed{4}$$

4 votes

$$\boxed{10}$$

3 votes

D2

See D①

Teamwork 3

Example: Government request for Expression of Interest for their policy:

- Establish a network of technical instruction centers through the country for technical schools but also used for adult education and special groups like drop-outs, to be managed and run by teachers from technical schools; required: curriculum for these activities and teacher training

Teamwork 3 (discuss and report): Suppose you as a team manage a fab lab together. Would you respond to the above request? Why, why not? Do you meet the stated criteria? Which option do you choose?

A3

① we partner with a Co-applicat
   - Monitor & evaluation
   - financial managent

Tech. instruction center

*proposal 8 (1 sentence)
→ We aim to create a Tech. Center able

to provide Technical / opretial / finacl

managment; including Traing

support and mentorship to under/post

graduates.

- Risk:

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B3

→ BECAUSE
WHEN YOU START
WITH EDUCATION
IT'll BE MORE EASY
TO ADDREJ THE OTHERS SDG

→ SENSITIZATION PROGRAMS
FOR 13 SDG BECAUSE
GENERATE CONSCIENCE
ON THE OTHERS SPECIBILY
12, 11, 9 ...

C3

1° do researches on The back-stories
- Analize Deals between Country and banks
- Check The person behind
  ↳ region referent.

2° check if is "wired" To someone

3° search for "more Traditional" local institution
↳ integrate with digital Technologies.

D3

We missed the calendar
but on recall we
acapted
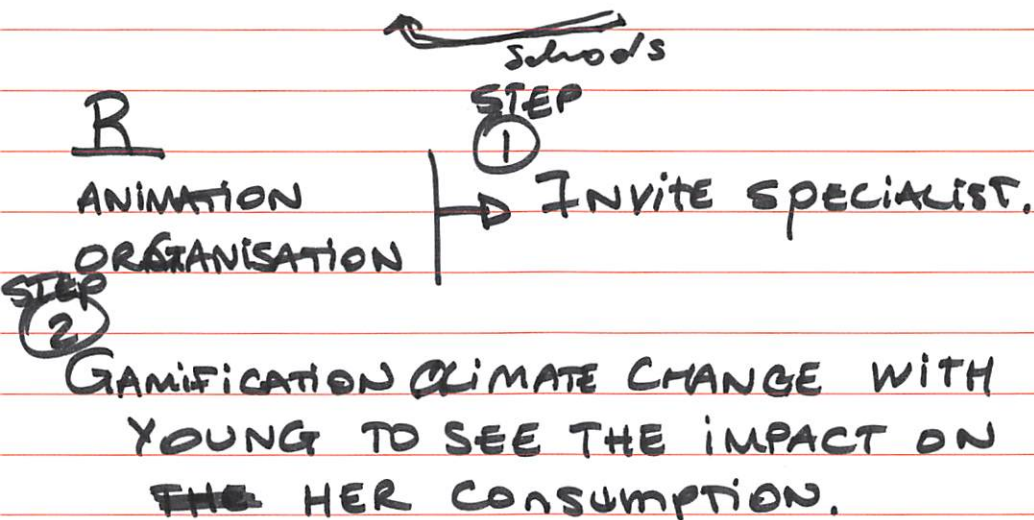
Teamwork 4

Yes, your EoI has been accepted. You now are invited to prepare a proposal.

- **Teamwork 4 (discuss and report): Prepare a proposal (one sentence). Indicate: 1) what will you do yourself, 2) what will you outsource? 3) how are you going to organize that?**

B4

1) School for instructors → circular education

2) hired specialists to address
                climate action

        specialists
3) ⟍____↓

                ↰ schools
                STEP
                ①
R   ⟶ INVITE SPECIALIST.
ANIMATION
ORGANISATION

STEP
②
GAMIFICATION CLIMATE CHANGE WITH
   YOUNG TO SEE THE IMPACT ON
   ~~THE~~ HER CONSUMPTION.

C4 Prepare a Proposal

Proposal: A network of local spaces
that focus on spreading digital skills
in a whole life lap learning approach

Do Yourself

Outsource

Organize

A network of local, open, spaces; where To access an inclusive, gender balanced, set of p2p, life long learning activities. The programs are shared and updated among The existing fablab network and scope platform.

D4

Challenge bank for
proposals developed in
Fab Labs in the SDG's

Teamwork 5

- Teamwork 5 (discuss and report): Congratulations, you have your contract.

  - Prepare a global work breakdown structure for your project

  - Make a short risk inventory for this project

  - How are you going to deal with these risks?