

SUMMARY OF PRESENTATIONS
WONDER SEMINAR
11-13 September 2019

## **PROGRAM** Day 1: 11. SEPTEMBER 11.00-16.00 (closed sessions) 11.00 – 12.00 Registration and light lunch (ID) 12.00 – 12.10 Welcome by Martina Keitsch 12.10 – 12.40 Jennie A. Schaeffer: Non-normative preschools – an innovative meeting between education, architecture, norm criticism and design 12.40 – 13.10 Bindu Shrestha: Gender Sensitivity in the Triple Bottom Line Approach 13.10 – 13.40 Hanna af Ekström/ Cristine Sundbom: TINK - Idea development for available and inclusive open stormwater solutions 13.40- 14.00 Coffee (ID) 14.00 – 14.30 Zhilong Betty, Luan: Exploring the Design Ethics of the Future Information Society 14.30 - 15.00 Discussion 15.00 - 16.00 Board meeting 18.00 Concert at Nidaros Cathedral 19.00 Dinner at Lyche Day 2: 12. SEPTEMBER 9.30-15.30 (open for all) 09.30 – 10.30 Sangeeta Singh: Gender mainstreaming at Tribhuvan University, Nepal 1030 - 10.45 Coffee break 10.45 – 11.15 Nora Pincus: Service design for women's maternal healthcare in Nepal 11.15 – 12.00 Lise Amy Hansen/Rachel Troye: Bottom Up & Inside Out 12.00 – 12.30 Cheryl Akner Koler / Nina Bjørnstad: Aesthetics and gender segregation 12.30 – 13.00 Rolee Aryana: Gendered experience of fieldwork based research 13.00 - 13.30 Lunch at ID 13.30 – 14.00 Astrid Skjerven: Gender and Design. Report from a Bachelor Course 14.00 – 14.30 Martina Keitsch: Introduction to WONDER Network 14.30 – 15.00 Rebecca Deans: Power + Perspective In Gaming — A Norm Creative Approach 15.00 – 16.00 Coffee (ID) and conclusive discussion on WONDER Background Hannah Rozenberg, Architecture without Bias, https://www.dezeen.com/2018/08/12/gender-neutral-architecture-hannah-rozenberg-rca-graduate-buildingwithout-bias/

# INTRODUCTION

The goal of WONDER is to 'join forces' of women in design and architecture in Scandinavia and the rest of Europe.

The most crucial activity is the yeary WONDER seminar, a series, which started in 2012. Between 2012 and 2017, WONDER has organized six seminars where both on-going research, common projects, experiences on career planning and everyday challenges and opportunities for women in design research were discussed.

The goal of the 2019 seminar was to bring together academics and practitioners from design, art, architecture and planning to facilitate inspiring and progressive discussions.

We focused particularly on proposals that develop, explore, investigate, and generate new knowledge in the fields above with the following themes in mind:

 Gender representations in product semantics and in features of the feminine / masculine
 Gender topics in curricula
 Users' and stakeholders' inclusion relating to gender in the fields above

With gratitude to all participants for their great contributions and to the tireless WONDER board.

Trondheim 20 September 2019

Patina las



Non-normative preschools – an innovative meeting between education, architecture, norm criticism and design.

- Background
- Photo-elicitation
- Examples and results

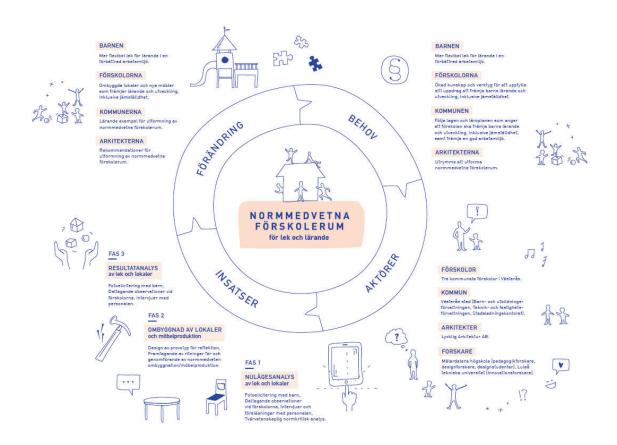
#### Jennie Schaeffer

Affiliated researcher in Information design, Mälardalen University, Eskilstuna, Sweden

Museum Director of Vastmanlands County Museum, Västerås, Sweden E-mail: Jennie.andersson.schaeffer@regionvastmanland.se

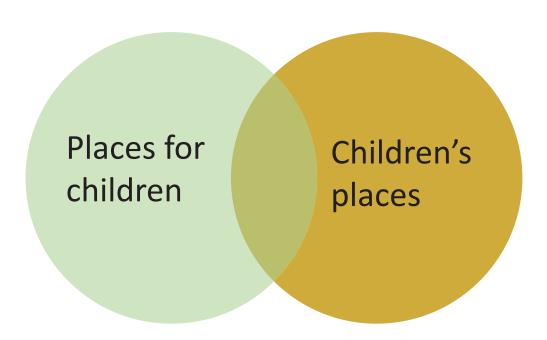
# **Background**

The overall aim of the project studied, *Norm-aware Pre-schools* (2016–2019), was to re-design preschool premises from a norm-aware perspective on gender and play.



Children are generally dismissed as being a resource for understanding and forming community projects, as, for example, the design of preschools. In social innovation and participatory design processes, however, all the stakeholders in a project are considered important for understanding and addressing complex organizational and societal challenges.





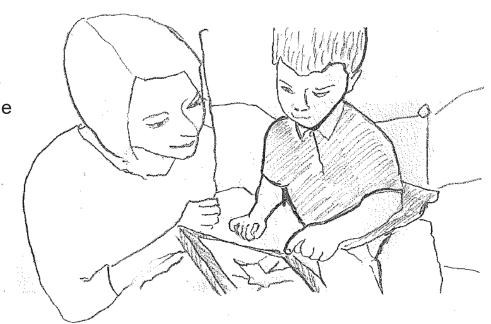


The norm-critical perspective helps us to notice and study existing norms. To work with norms in the preschool, opens for a widening of the norm and a bigger acceptance for variation.

With a starting point in the children's perspectives, seen as experts on their own environment, we have being able to notice the existing norms. It has influenced the next step- the norm creative step, the action. The experience of the children has affected the design.

# Photo-intervju

- Introduction with the whole group
- Show camera and the three "challenges"
- Dialogue around the images
- Analysis of the stories/images



# At the preschool, three missions

A place where you like to be or play?
A place that you rarely plays at?
A place where you do not like to be or play?

Phase 1: 184 photos and 8 hours of interviews. Two main tendencies: **Borders based on gender** 

Borders places for children and children's places



# **Examples**

# Places for children and children's places



N: It is Bill that has pain in his ears.

J: What did you say?

N: Car [bil] that has, that has not pain in his ears.

J: Has Bill pain in his ears? Where is he? I cannot see him?

N: Yes. And then it is not allowed then, take the car no ...

# Borders between children based on gender



Figure 4: Emma, a 5-year-old girl tells about places and experiences in the preschool with help of this photograph.

- E: Not in the play room.
- J: You don't like to be...
- E: They [the boys] usually don't play there nicely with me
- J: They usually don't play there nicely with you...? What does that mean that they...?
- E: Then I and F [girl] go and hide under the sofa or there.
- J: Do you hide under the sofa or under the table?
- E: Mm, here or there. Where they do not...Because we become a little mad.

[...]

- E: And then we crawl
- J:Yes, you crawl under there?
- E: And then we sit a little there also [pointing at the corner behind the sofa].
- J: Ah, and then you are seated there. And what happens then? E: Then no one finds me and F [girl].
- J: No, then no one finds you. And what happens then? Then it is calm?
- E: J: Ah. Since they are not usually calm and then they fight me and F.



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Pay attention when you create an "apartment" or costumes

For more images "before" and "after" please visit: http://normmedvetnarum.se







# I like to play everywhere

Before, all answered the question 3. Where do you not like to be or play? After the redesign one did.

# Longer play

Longer play series, which promotes the play competence, to enter in and out of the play

### Gender

Mixed play





# Tack!

Kontakt: jennie.andersson.schaeffer@regionvastmanland.se



NORMCRITICAL AND INCLUSIVE STORMWATER SOLUTIONS























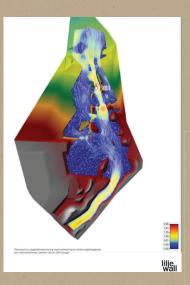
### tink

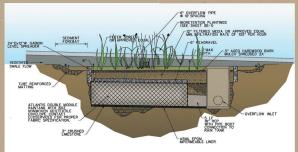
**BACKGROUND** 

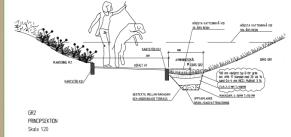
Stormwater solutions are engineering driven design management of rainwater to prevent flooding due to climate change.

Open stormwater solutions contribute to the sustainability of cities by delaying or/and clean rainwater locally.

### BACKGROUND







issue: technical aspects of stormwater solutions

# tink

#### BACKGROUND





issue: non accessible stormwater solutions are built that neglect accessibility regulations.





Norra Djurgårdstaden, Stockholm

Uppsala Kommun, pic from Sweco

















issue: municipalities showcase guidelines and examples of non accessible stormwater solutions and neglecting social dimensions.

"Architecture, form-giving, and design aim to contribute for a more sustainable, equal and less segregated society by carefully designed living environments, where all people will have the opportunity to affect the development of the common environment."

(The proposition "Politics for embodied habitat/Politik för gestaltad livsmiljö", 2018)

The Tink project aims to contribute to the development of new knowledge and increased innovation capacity of how to build socially accessible and inclusive stormwater solutions based on a norm-critical methodology.

- Scientific article / conference contribution on the theme
- Inspiration bank with descriptions of environments with open stormwater solutions designed in notion of social/ecological/biological/technical objectives
- Detailed stormwater concepts for two places in Gothenburg and Vellinge / Sweden
- Web material and final conference
- Embodied Design methods regarding intersectional/social aspects of urban planning with a focus on accessibility.

#### **AESTETICS:**

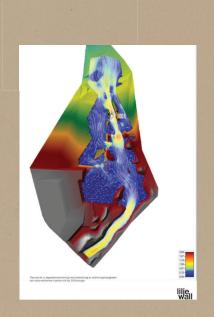
Cheryl Akner Koler (Sensitizing Lab, Aesthetic Lab) Monica Montserrat Degen (Sensing Cities) John Hull (Notes on Blindness)

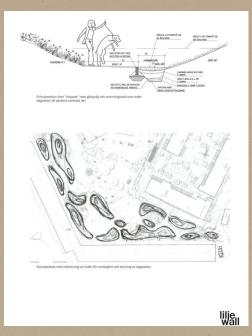
#### NORMCRITIQUE:

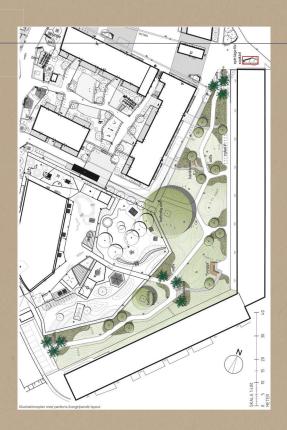
Sara Ahmed (queer Phenomenology) Amy Hamraie (crip theory) Kimberle Crenshaw (intersectionality)

# tink

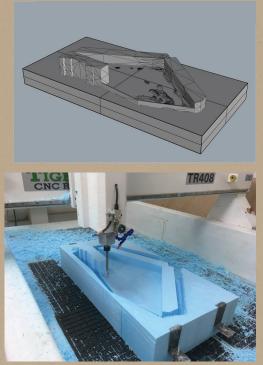
#### FROM TECHNICAL 2D EXPERIENCE







### TO A PHYSICAL 3-D EXPERIENCE





# tink

### AUDIO EXPERIENCE











#### TASTEALIZE SMELLALIZE, HEARALIZE, HAPTALIZE EXPERIENCE









## tink

EMBODIED EXPLORATION OF STORMWATER SOLUTIONS





**WONDER Network** 

- Our collaboration was initiated at a Wonder Seminar and has led to Tink project and collaboration with a design school and a university.
- Discussing current challenges in design research: Using other ways than written text to communicate research data and results
- Welcoming independent researchers, practitioners is norm critical in practice.
- Academia-industry influencing each other cross pollinating & dissemination.
- Feedback.

How can one document emotional and subjective bodily experiences in workshop settings?

Suggestions?

# tink | Contact

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Service design to improve women's maternal healthcare services in Nepal

Ida, Julie & Nora



# Care of women during stages of: contraception, antenatal care, childbirth and postnatal care

#### Initial plan

- Identify problem(s) faced by women in need of maternal healthcare services
- Identify design opportunity & narrow down focus
- Develop solution to the selected challenges



PLAN



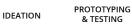


ANALYSIS



FOCUS







DELIVER

Project planning
Preparations for first trip to Nepal

Desk research Interviews Observations

Co-creation

EXPLORE

Analyze findings
User journey
Stakeholder map

Criteria
Extract challenges
simplified user
journey

HMW
Crazy 8's
Bundling ideas
Ideation sheets
Reality check
Early concept

Rapid prototyping
Co-designing
User testing
Iterations with
feedback and
development
Co-creation

Flipchart
Information
brochures
Implementation
plan & next steps

The service



PLAN



EXPLORE



ANALYSIS



FOCUS

IDEATION



PROTOTYPING & TESTING



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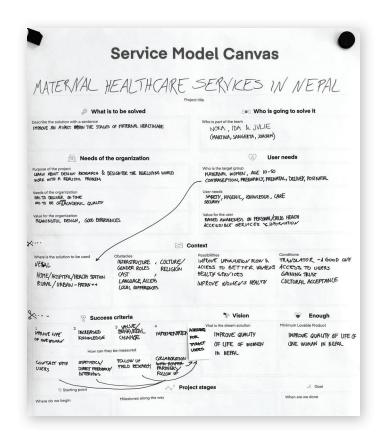
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The service
Flipchart
Information
brochures
Implementation



Research brief

Research objective

Hypothesis

Suggested approach





PLAN



EXPLORE



ANALYSIS



FOCUS



IDEATION



PROTOTYPING & TESTING

DELIVER

Project planning

arations for Interview ip to Nepal Observation

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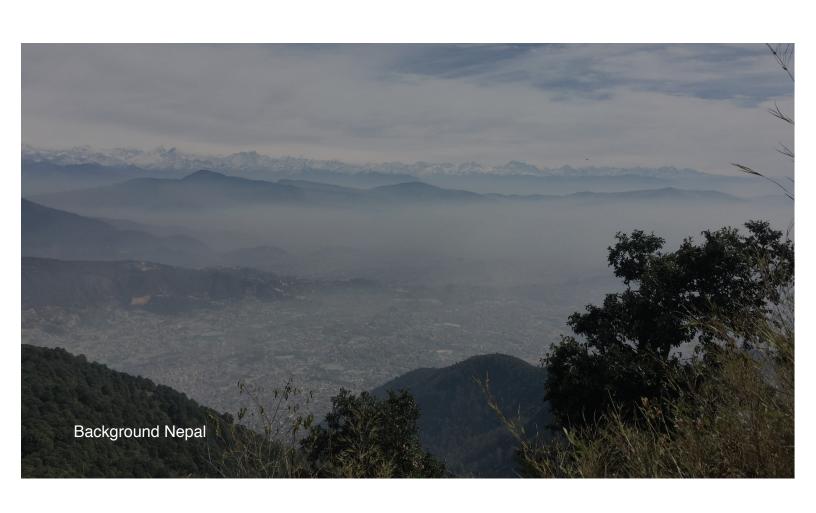
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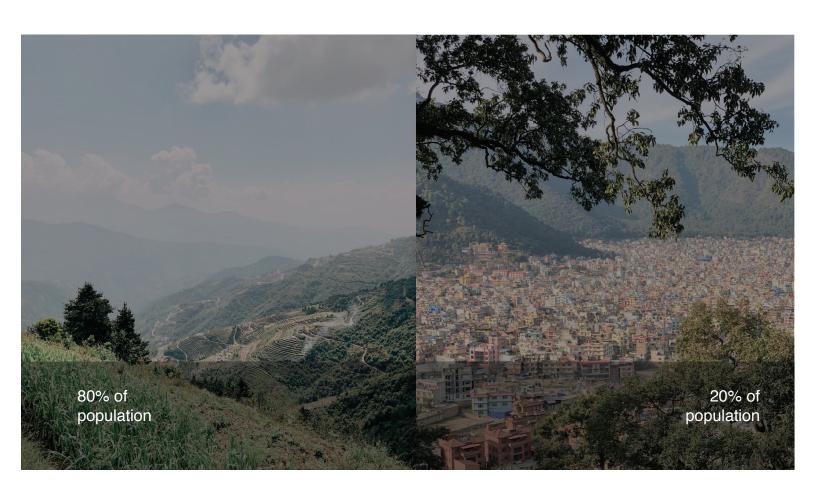
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development

Flipchart
Information
brochures
mplementation









Patriarchy

Family life

Hierarchy



#### Nepalese healthcare

Basic healthcare services

Three delays:

- 1. Decision
- 2. Transportation
- 3. Correct care



#### Maternal health

High maternal mortality rates

Home deliveries

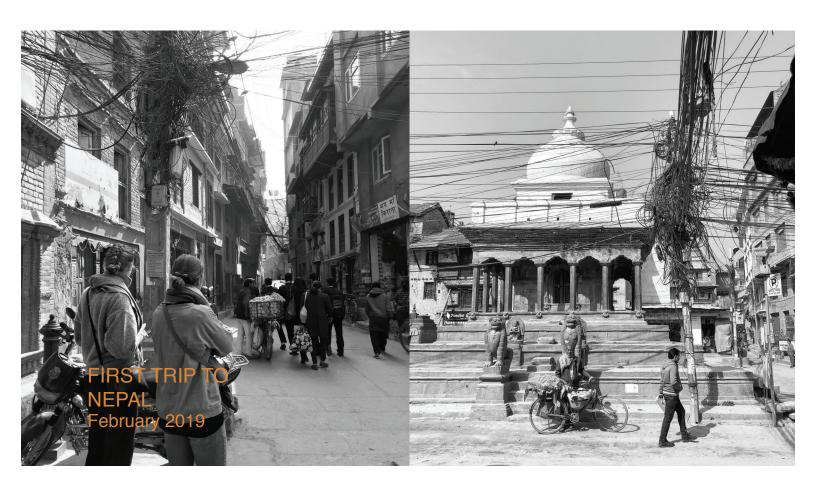
Child marriages

Teenage pregnancies

Poor antenatal and postnatal care

Postpartum complications





In-field research

Interviews
Observations





Research awareness

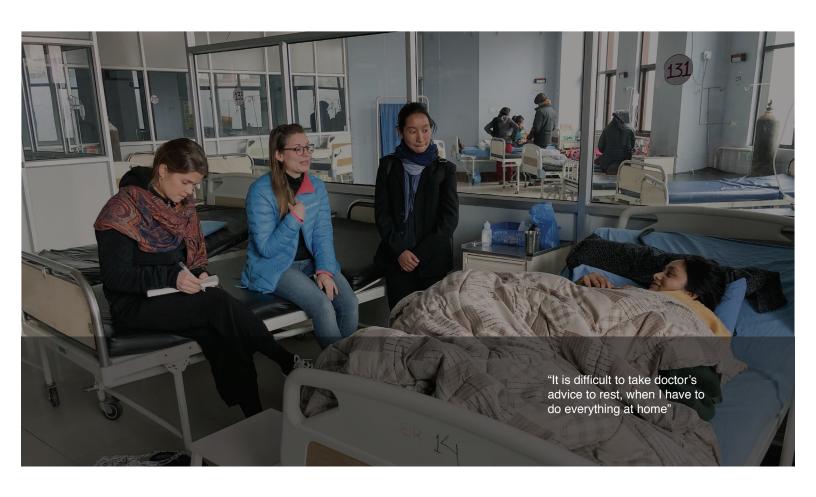
Cultural bias

Language barrier

Need to improvise



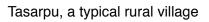






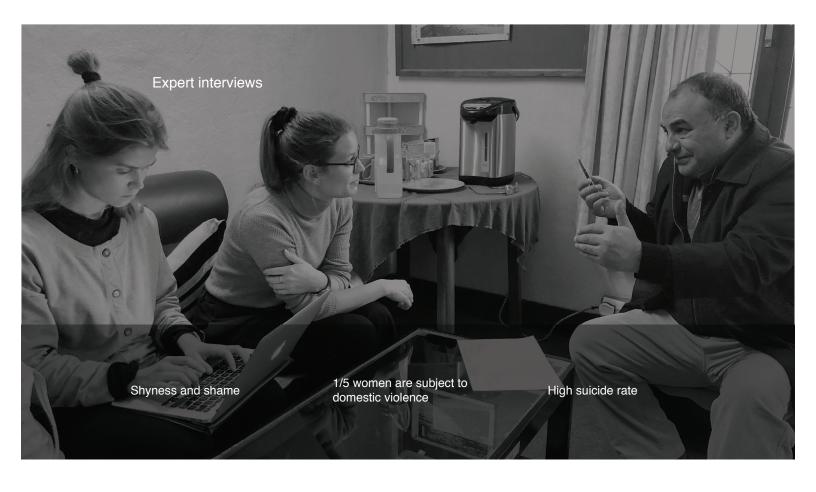


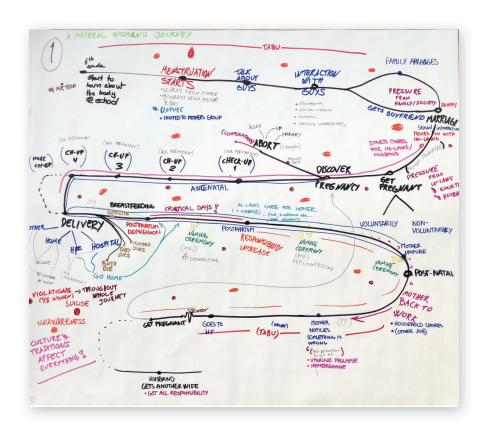














EXPLORE

ANALYSIS



FOCUS

IDEATION



& TESTING

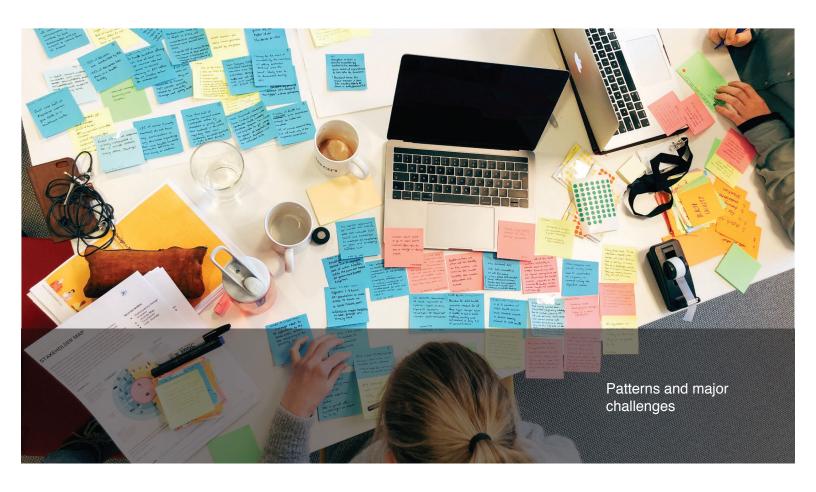


DELIVER

PLAN

Analyze findings User journey Stakeholder map

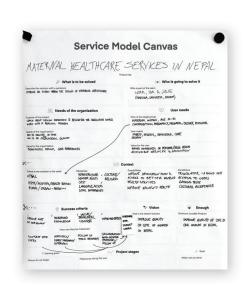






#### Concept development criteria

- How much value it creates for the women (increased health, quality of life)
- Applicable in the rural areas, in our case Tasarpu (75% of Nepal)
- Alignment to GTN's values and work (maternal health, access to health services, women and children, health promotion)
- Feasible for master project scope (prototype/testing, money, time)
- Field of interest (information visualization, information on how women take care of themselves and the baby right after birth, HCD)



#### **CHALLENGES TO FOCUS ON**

- Shyness/shame/tabu
- PNC is not given much attention, women are not informed about the importance, or don't have the ability to go to PNC checkup (geography, work, time, economy)
- Not aware of risks & complications, many cases of UP
- Husband and family lack knowledge and acceptance of giving new mother time to rest and gives little support with (household) workload.
- Lack information and knowledge about the first days of motherhood and breastfeeding
- Women are seen as utilities, that are not worth much when they are no longer "useful" to the husband.
   Husbands lack emotional responsibility and connection to their wife. Family blames the women when she gets a daughter (instead of son)
- Lack awareness on fertility period and counselling on postpartum FP. Too close birth gap leads to increased health risks, and there are many unwanted pregnancies
- Family is not concerned with the women's health



Postnatal period

Postnatal period

Up to six weeks after delivery

Three checkups

Most neglected time period





"It is not easy to go to the health post after delivery"

"Most of the complications happen within a week after delivery"



PLAN







ANALYSIS



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IDEATION





PROTOTYPING & TESTING

DELIVER

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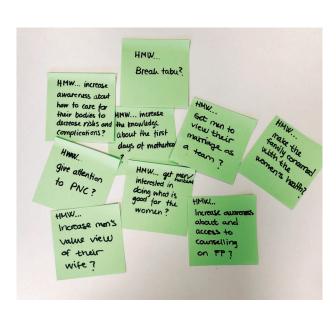
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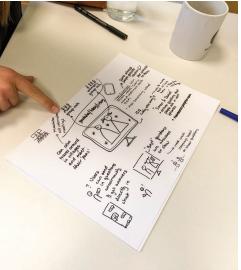
Implementation plan & next steps





How Might We Crazy 8's

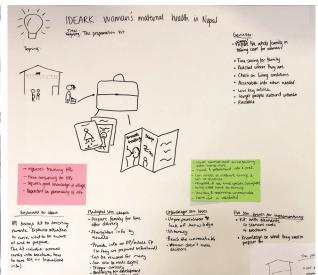






Bundling ideas Extracting elements Dot voting





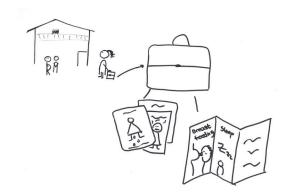
Ideation sheets Reality check

#### Minimum Lovable Product

#### Postnatal Home Visits

Flipchart

Information brochure





#### Verify with experts

"

I really like the idea you are thinking to develop.

- Salita, Green Tara Nepal

"

Yes, this is a brilliant idea and it is doable.

- Dr. Chhatra







EXPLORE



ANALYSIS



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IDEATION



PROTOTYPING & TESTING

Rapid prototyping

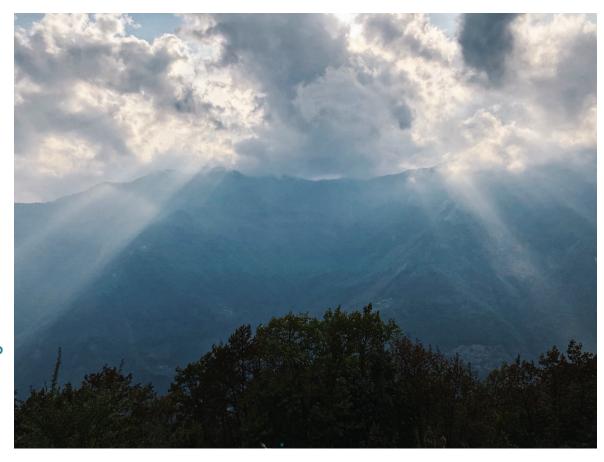


DELIVER

Co-designing User testing Iterations with feedback and development Co-creation

## Rapid prototyping





SECOND TRIP TO NEPAL April 2019



Co-designing the flipchart and service



User testing





Revision & feedback

Extra validation

User's interpretations



#### Development based on feedback

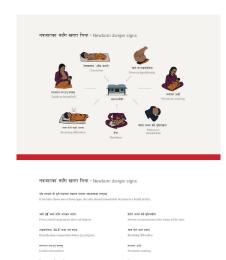


#### Co-creation service

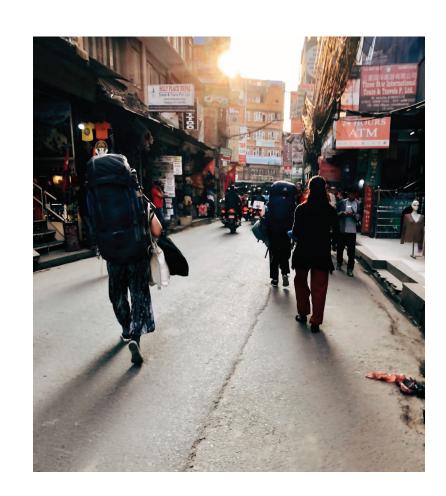


## Detailing and finalizing









### **LEAVING NEPAL**



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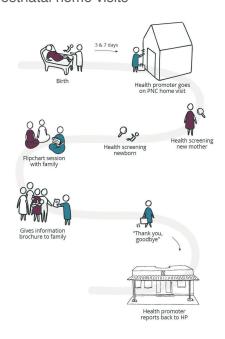
IDEATION

PROTOTYPING & TESTING

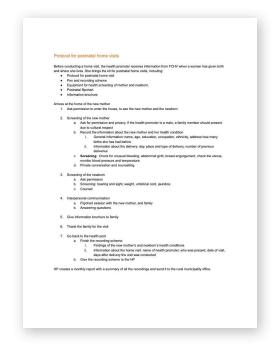
DELIVER

The service Flipchart Information brochures Implementation plan & next steps

#### Postnatal home visits



Service journey



Formal protocol for health promoter





"Women need better knowledge on what is normal during their maternal health, how to take care, what to eat. A big opportunity is to educate the family. Especially the husband and father-in-law as they make the decisions"

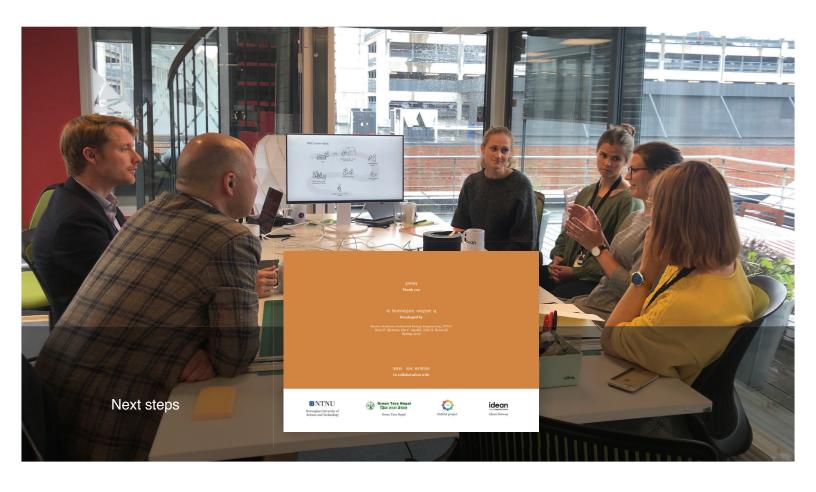
- Dr. Meenu

#### Current state of the service





Handover of material to local NGO, officially marking the start of implementation



"No one, NGO or person, can take credit for a society's behavioral change, but together, over time, they can each make a small influence that can lead to a larger change, making a difference for many."





# **Abstract**

We would like to propose that there are great opportunities for design innovation in the Nordic region by focus ing on gender equality and aesthetics . Sweden and Norway are regarded as two of the most gender - equal countries in the world . Scandinavian design is often referred to as democratic design, because there is a great interest in solving problems for everyday situations where aesthetics and function are integrated.

One would then assume that gender equality and aesthetics would therefore be reflected in design research in Sweden and Norway . This is however not the case. Our presentation will address two problematic issues concerning design education:

- 1) Why the field of aesthetics has low priority in terms of knowledge development in the field of design?
- 2) How do es the masculine coded content and properties that are prioritized in Industrial Design create a n excuse for women in the design profession to specialize in the more female coded Service Design profession .

We will refer to our own situations at Konstfack and Oslo School of Architecture and Design to exemplify these two issues.

A general definition of the concept aesthetic is to develop knowledge about the world through our feeling and senses . Aesthetics is therefore female coded because it pays attention to the body and the environment around us. It goes to follow that aesthetics directly challenge the norms of the male coded technically - limited rationality that often drive innovation. As we learn more about the central role our body plays in creating meaning, and that products and services today are expected to evoke more meaningful interaction , it becomes obvious that we need to cultivate aesthetics sensibilities during the design process.

Our presentations will address the emerging paradigm shift in the design community, toward the new challenges of e colog ical literacy where gender – e quality and aesthetics can play a central role . These challenges can be a driving force to re orient and further develop our shared Nordic legacy as a leading design community.



## Cheryl Akner Koler Sculptor

Professor in Theoretical & Applied Aesthetics Industrial Design Program

Konstfack University of Arts, Crafts and Design Stockholm Sweden

## Nina Bjørnstad Industrial designer

Associate Professor

Industrial Design Program

Oslo School of Architecture and Design, Oslo Norway



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\_www.haptica.se



Cheryl Akner Koler Sculptor Nina Bjørnstad Industrial designer

## **Aesthetics & Gender Segregation**

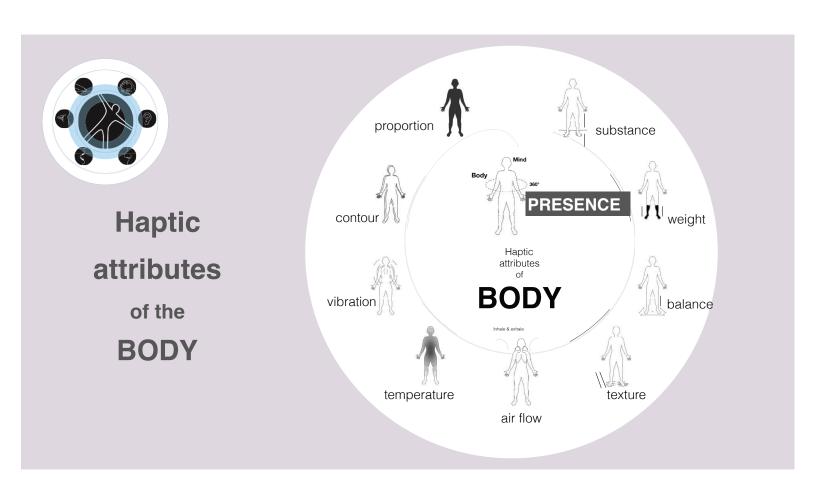
Why?

field of aesthetics
low priority
knowledge development
field of design

masculine - coded
industrial design
excuse for women
specialize
female coded

service design







## Cheryl Akner Koler Sculptor

Why?

## **Aesthetics & Gender Segregation**

field of aesthetics
low priority
knowledge development
field of design



#### NYHETER



**Carin Boalt 1964 first women professor** at a technical college /university in Sweden (Lund). 55 years later still a minoritet.

#### Mostly men at the top of the Academy Chalmers gives 300 million skr We need to work with our culture so that we create an

We need to work with our culture so that we create an environment in which everyone is comfortable and feels good. Then the research will also be more successful.



#### **CHALMERS**

**10 years** support for gender equality. Gender Initiative for excellence (Genie)

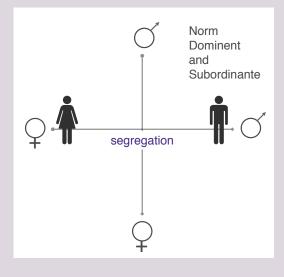
- goal of 40% women by 2028
- only 14% today

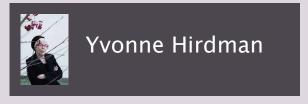
## How?

comfortable and feels good

# Gender order system

Every society creates and maintains a order system where women and men are given different roles and positions.





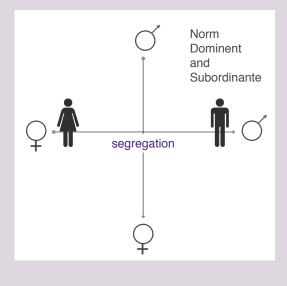
Female coded Male coded

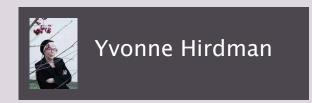
## How?

comfortable and feels good

# Gender order system

Every society creates and maintains a order system where women and men are given different roles and positions.





#### Female coded

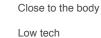
Emotional Collaborative Sensuous

#### Male coded

Rational Competitive Macho

# **Walker -> Birther**

6 different positions



Patient felt experiences







BA exam project 2019 Malin Björklund

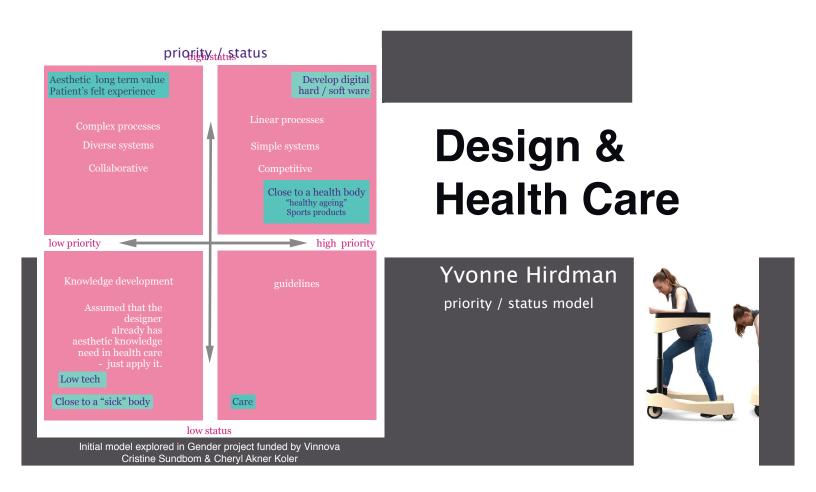
# Walker -> Birther

6 different positions



Konstack's spring show 2019







masculine – coded
industrial design
excuse for women
specialize
female coded
service design





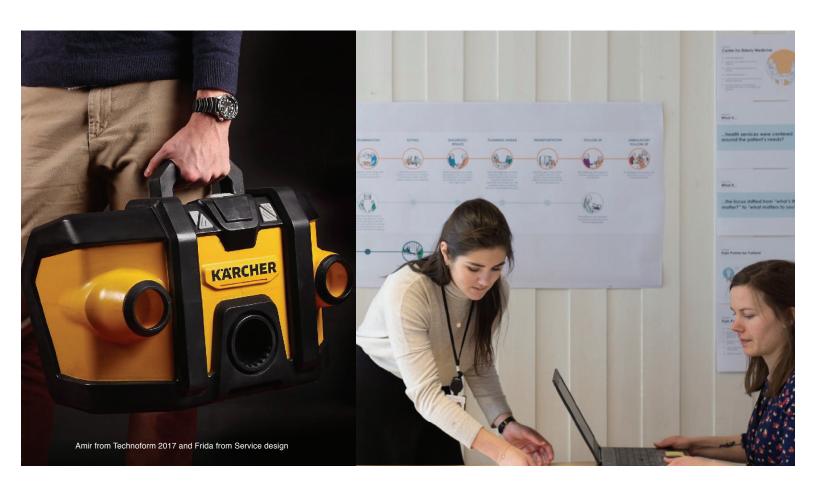
# **DIVERSITY**

Variety Balance

Disparity

These three "general properties" that, in concert, underpin diversity are variety, balance and disparity.

Andy Stirling, A General Framework for Analysing Diversity in Science, 2007 // NB



# "Searching for diversity"

The benefits of gender equality and diversity in design education.

Asking alumni.

"To work with meaningful social issues" already sounds very female and is an example of exactly what we have to address, it has very female connotations.

Quote Ingrid Johanna Fløgstad // NB

## **Industrial Design and Service Design at AHO**

	Fall 16	Spring 17	Fall 17	Spring 18	Fall 18	Spring 19
Industrial Design	5/8	5/8	2/ 8	<u>2</u> / 8	3/8	1/11
	7/ <b>1</b>	4/ <b>2</b>	13/1	9/2	7/8	
			and app	d the ID sys proach; who	stematica ere male	nal holistic approach ally technological students dominate s dominate SD.
Distribution of woman	and men in two cou	rses; ID and SD throuឲຸ	gh three years at AF	HO. // NB		



# **Aesthetics**

Alexander Baumgarten - Philosopher 1735 year

field of aesthetics

low priority

knowledge development

field of design

The science of sensuous cognition

**Sensuous** = fusion of the sense

**Cognition** = to know

**Judgement** = good / bad

# **Aesthetics**

Alexander Baumgarten - Philosopher 1735 year

field of aesthetics

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knowledge development

field of design

The science of sensuous cognition

**Sensuous** = fusion of the sense

**Cognition** = to know

Judgement = good bad

# **Applied Aesthetics**

field of aesthetics

low priority

knowledge development

field of design

The science of sensuous cognition

**Sensuous** = fusion of the sense

**Cognition** = to know

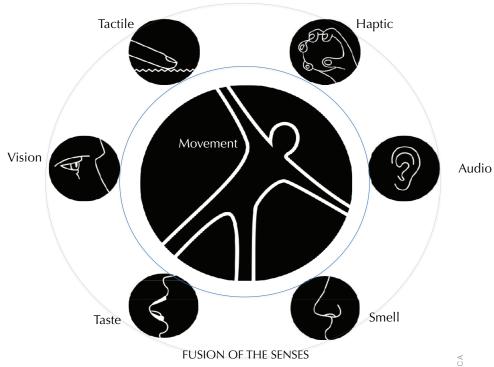
Finding **Meaning** = to drive the intention of the gestalt for the design process

# **Aesthetics**

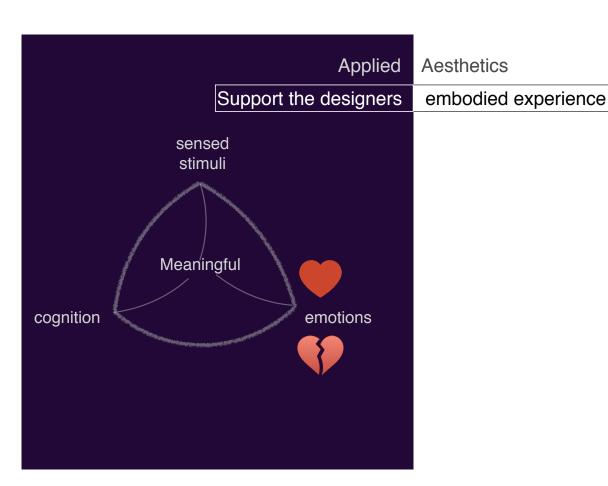
Alexander Baumgarten - Philosopher 1735 year

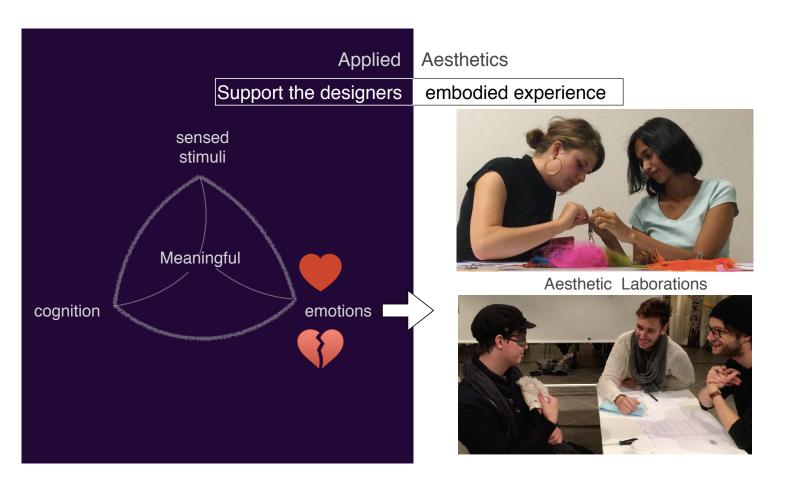
**Sensuous** = fusion of the sense

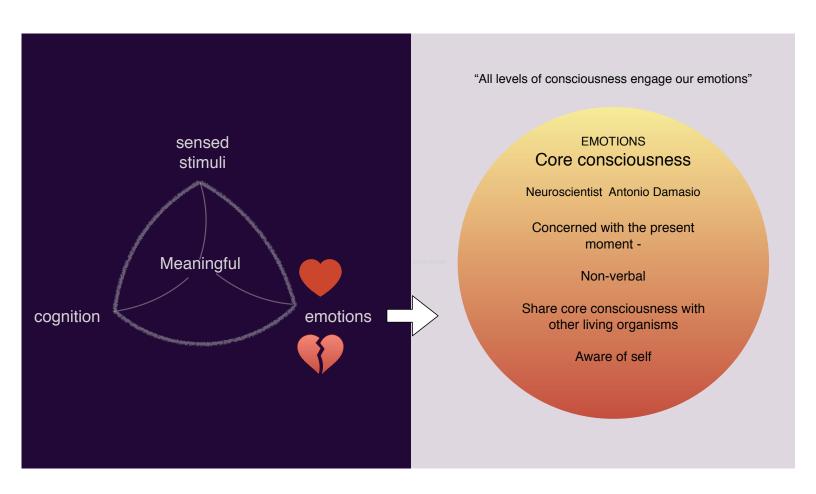
**Cognition** = to know



© Cheryl Akner Koler











Fram till den 26 maj ställer Alice Ekelöf, från Karlstad, ut sitt examensarbete Get a grip på Konstfack i Stockholm. Hon har skapat köksutensilier med fokus på jämställdhet och ergonomi med förhoppning att skapa debatt och förändring inom restaurangbranschen. Kitchen Utensils for Gender Equality draws attention to how norms in the chef profession and product design re-enforce the gender segregation in the working conditions.

# Design in the Culinary World



Alice Ekelöf

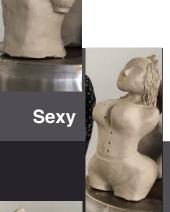
# GET A GRIP











Bitch

# 3 roles for women Culinary Arts

Norm critical



# Thank you!

# Gendered experience of fieldwork based research – Students' project in MSc. In Urban Ecological Planning

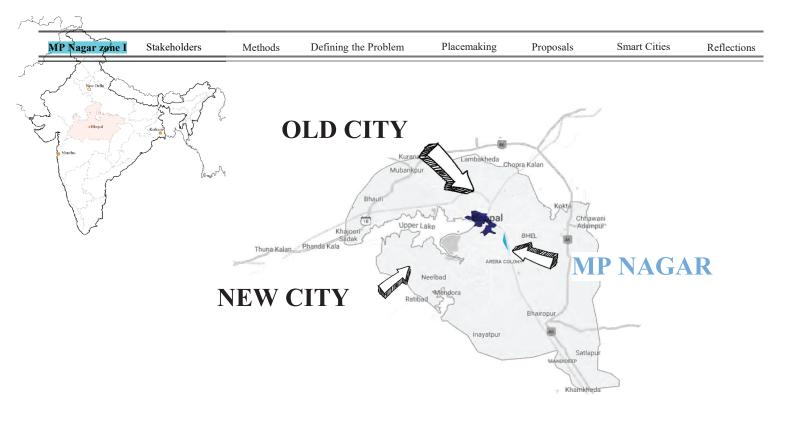
Hanne Vrebos, Brita F.Nielsen, Rolee Aranya
Melina Baranger, Diana Morales, R ūta Slavinskaitė,
Ingeborg Stavdal
Department of Architecture and Planning
Faculty of Architecture and Design, NTNU

# MP Nagar zone I

Melina Baranger, Diana Morales, Rūta Slavinskaitė, Ingeborg Stavdal







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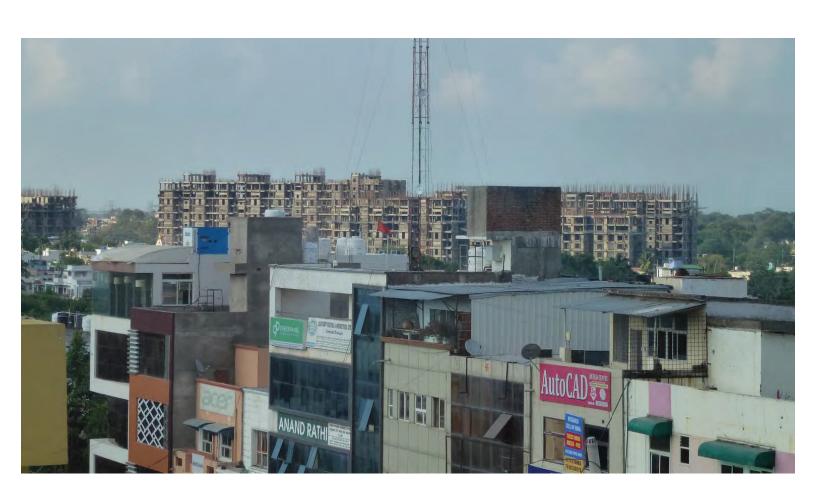


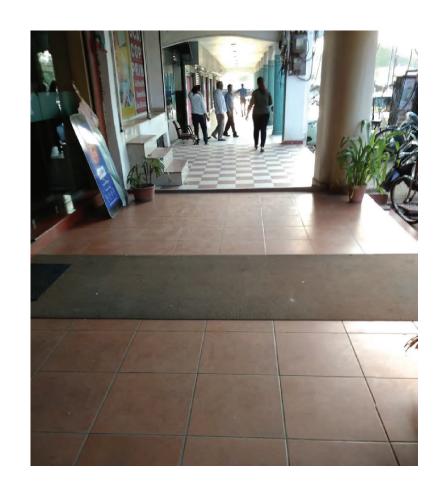
Muslim leaders
Four generations
1819 to -1926

"dynasty of women formally recognized by high muslim authorities" (Khan, 2000)

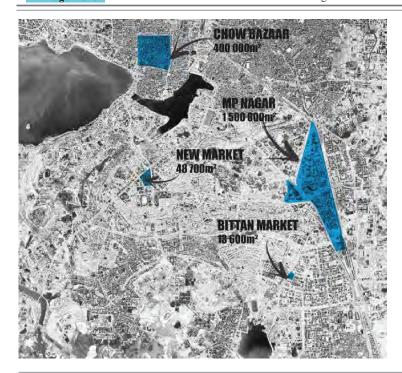
Source: madrascourier.com











## **MP NAGAR**

WHOLESALE
REGIONAL
MARKET. (Aggaw

(Aggawai, May

2011.)

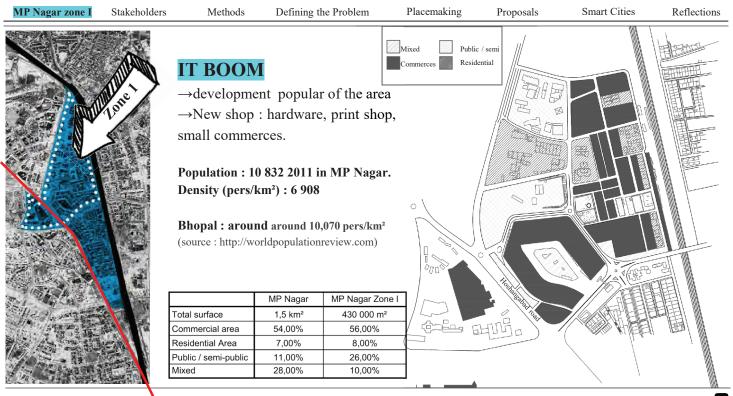
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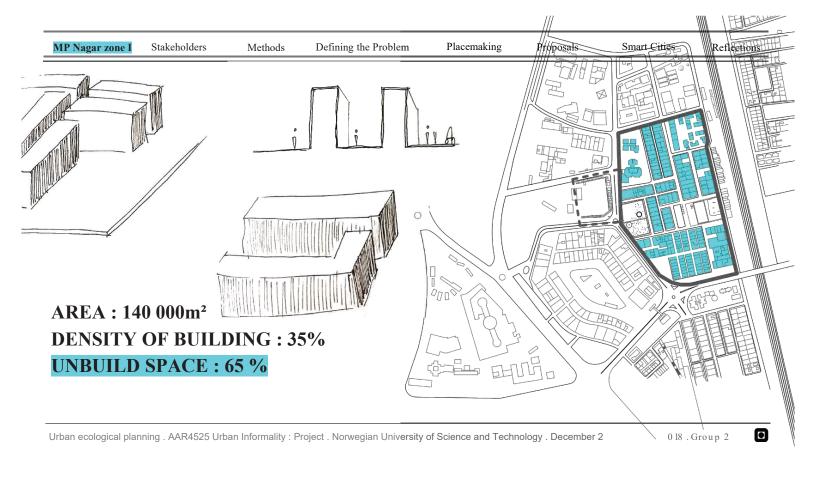
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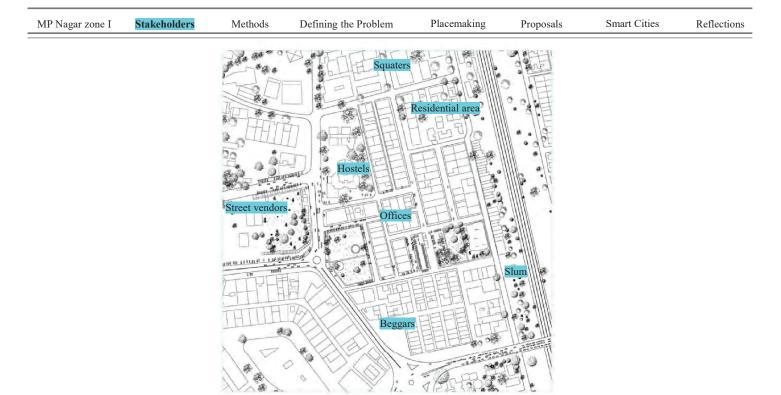


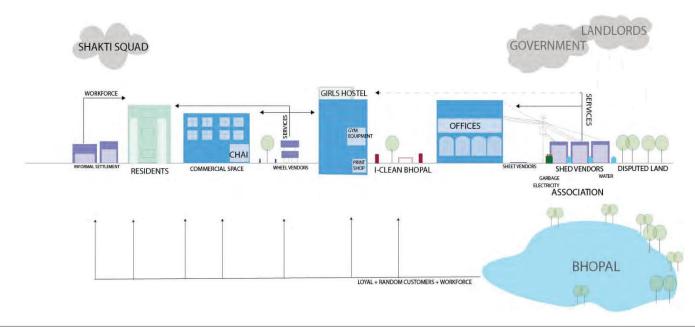
"I am here from the beginning, twenty years ago. Before we were on the other side, but they built it. So we found this place. We were three or four at the beginning. People came little by little, and restaurants and hair dressers arrived also ."

One of the oldest vendors



# **STAKEHOLDERS**





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Smart Cities

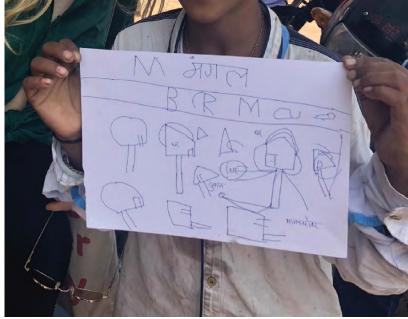
Proposals



Reflections

# **METHODS**

MP Nagar zone I Stakeholders Methods Defining the Problem Placemaking Proposals Smart Cities Reflections







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Proposals

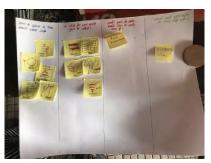


Reflections

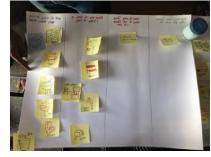














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# WHERE ARE ALL THE WOMEN?



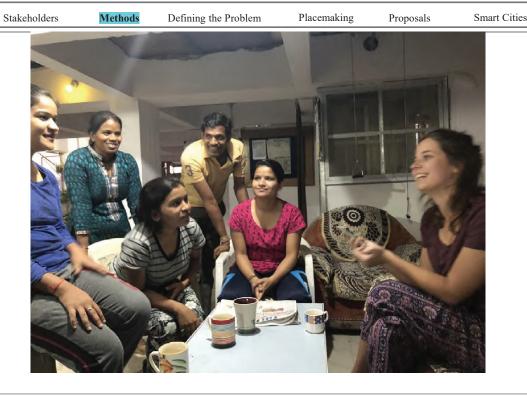
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Reflections



# Defining the Problem with the Community

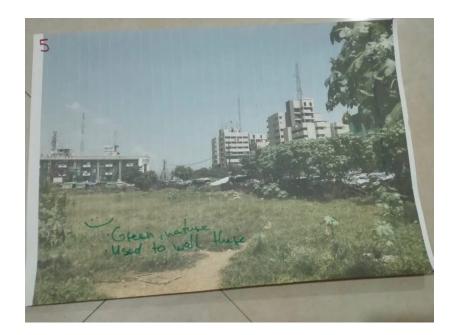
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#### During our ethnographic fieldwork we

- Asked about the girl's routes: visualized this by asking them to draw them on a map
- Showed them pictures of places in the area and asked to describe if they like it or not and why
- Informal interviews
- Transect walks







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#### Key findings from the methods

- Not common for the girls to roam around the area
- Outings are usually for a purpose where they spend money like going shopping or to the movies. Some things they do that do not require money includes walks at lakeview walk path
- Places liked: populated but not overcrowded. Green spaces.
- Most places in the area are used only for commuting purposes
- Anonymity
- Strong family ties





Stakeholders Methods **Defining the Problem** Placemaking Proposals Smart Cities Reflections MP Nagar zone I

# Interpretation of findings and community verification

#### Our 4 categories

- Underutilized and unused public spaces
- Fragmented sense of community
- Governing of women by society
- Women's safety



#### Community input

- Done through anonymous surveys, interviews, spontaneous interaction
- "I do not like Bhopal because there is no place in the city to loiter for girls"
- Surveys indicated that the respondents felt that "women have no freedom"

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▣



# goal:

# APPROPRIATING PUBLIC SPACE FOR WOMEN

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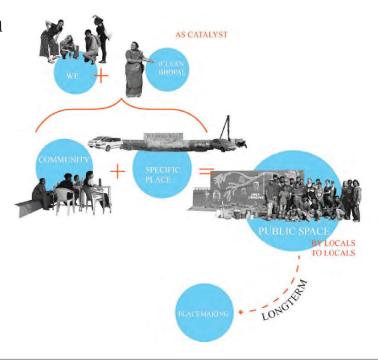
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# bhopal i-clean team + women

the "vernasitor" map

#### **Bhopal i-Clean Team + women**



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MP Nagar zone I	Stakeholders	Methods	Defining the Problem	Placemaking	Proposals	Smart Cities	Reflections
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#### the "vernasitor" map



#### the "vernasitor" map



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MP Nagar zone I	Stakeholders	Methods	Defining the Problem	Placemaking	<b>Proposals</b>	Smart Cities	Reflections

the "vernasitor" map

GIRLS HOSTEL COACHING CENTRE

COACHING CENTRE best paratha temples BUS STOP!

had dail

best chai RIDDLE?

places to sit in the shade

BUS STOP! place to watch the sunset COACHING CENTRE

GIRLS HOSTEL safe places

cheapest print shop
COACHING CENTRE selfie-spots

GIRLS HOSTEL

GIRLS HOSTEL

beauty parlors

BUS STOP!
RIDDLE? secret places

▣

#### the "vernasitor" map



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# goal:

# APPROPRIATING PUBLIC SPACE FOR WOMEN

# goal:

# APPROPRIATING PUBLIC SPACE WITH WOMEN

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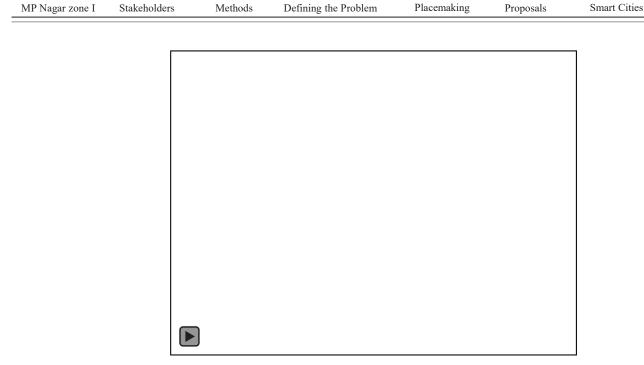


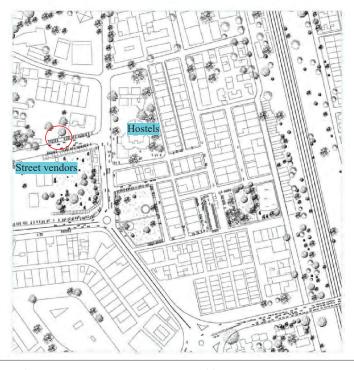
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Reflections





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### **Bhopal i-Clean Team + women**



### **REFLECTION**

#### Outsiders and the clash of cultures

"What was even more surprising to me was how much **attention** we got from people. This is something I regard more as an obstacle than advantage for the work we did. It was **uncomfortable to be gazed** at, especially by men on the streets, and also to constantly being asked for selfies.

If someone helped us out, we always accepted a selfie afterwards, but in general people taking pictures of us felt like a sort of **exotification**, and I felt like a **strange animal with people taking pictures** without asking for my consent. Still, taking pictures together became a way of communicating and building trust with the people we worked within the field."

"They (girls in the hostel) kept joking about "**special treatment**" which was something we really wanted to avoid in order to truly understand the conditions and surroundings of their routines, but I guess it was impossible to avoid given our obviously foreign appearance and the nature of Indian culture of taking care of their guests."

## Identification with the «objects of investigation»

"After working for many weeks with street vendors as our main stakeholder, we decided change the course completely, and women in public space became our focus. This turnaround can be justified by many reasons.

After analyzing our findings at that stage, the most marginalized group was in fact the women, although – and just because - they were invisible. Furthermore, the fact that we ourselves were women, it was a topic that was more identifiable to us and it gave us an advantage to better understand and read a situation. Research could also to a certain degree be done reflexively as us simultaneously being investigators and objects of investigation. Clearly this advantage is prone to generate new disadvantages as these roles would prove difficult to disconnect from each other."

## Methodological limitations – beyond the one story!

"Important to ethnographic research is to be familiar with the values and context of the group in question.

Although we shared the aspect of being women, the role and situation of women in India is to many extents different from that of our own, and not to forget, not all women in India live the same life."

"Even though the girls in the hostel were open about many things as talking how their parents don't let them be with their boyfriends or how they miss their mothers, husbands or daughters they were not so willing to talk about the issues of the area they live in.

As we gathered mixed answers about how they feel in the hostel, MP Nagar and Bhopal in general we came across a thought that they were giving us 'special treatment' by representing the area as being safe, just like the hostel owner tried to show the best of his hostel."

### Self identity and exclusion

"...my experience in India came to feel differently than I had thought it would. It would be nice if I could say that I never felt my physical appearance and gender never crossed my mind in India, that this was not a distraction I felt and that I did not begin to affect the fieldwork. Of course this is not where I am headed with this.

My group consisted of four very obviously white European women. India is not a very diverse country from what I have seen (in terms of phenotype) and therefore my group mates were often the center of attention and special treatment wherever we went. Throughout the fieldwork I felt an almost tangible wall between my group mates and I and the people we interacted with. I was shocked at how differently I was treated by our informants and participants throughout our fieldwork."

## Playing the activist/advocate/ feminist?

"Before coming to India I did not consider myself as a feminist and did not see a need to do so, but after three months in here, seeing how women are treated and reflecting on my own experiences back at home I was able to see how often women do not get the attention they deserve as equals.

I understood how often I was being sexist myself by undermining the lack of recognition for women. I guess it did not seem as such a problem for me before because I was born in a place where I had the opportunity to speak my mind and tell if I thought someone was being rude or unreasonable. Being in India I saw how undermined women can be and if no one will address this issue it will stay the same. There is probably nothing I can do myself to change this situation and I should not be the one to change this, but giving a voice and showing that it can be better could be the small scale thing that would snowball afterwards."

# Dissecting gender stereotypes

Report from a bachelor course in product design

WONDER seminar
NTNU
September 11-12 2019
Astrid Skjerven
OsloMet – Oslo Metropolitan University
askjerve@oslomet.no

#### The course

- BAPD 2310: Cultural understanding and product aesthetics in a theoretical perspective Spring 2018
- 48 second year bachelor students: 32 female, 16 male
- Theme: Gender and design
- Assignment: *The significance of gender in design* (written essay based on curriculum and own observations)

# The program

• Cultural understanding in theoretical perspective

The writing process

• Cultural differences in practice

• Body language and communication

• Gender and design (workshop)

• Gender and design (workshop)

· Designing for conversations and culture

Gendered form(workshop)

• Gender and innovation (Innovasjon Norge)

Universal design

Gendered form (workshop)

· Gender and research

Astrid skjerven Astrid Skjerven

Torunn Arntsen Sajjad Unni Kristin Skagestad James Duncan Lowley James Duncan Lowley

Nina Lysbakken

Astrid Maria Heimer

Siv Isabel Eide

Kjetil Andreas Knarlag Astrid Maria Heimer

Ella Ghosh

# The process and the results

- From disengagement to engagement
- Investigation of designed objects and services
- Moments of realisation (aha) of objects and attitudes
- Differences in female and male experiences
- Grades above average
- Satisfied students (except a few)

# Evaluation

- Gender is still a non-topic in design (except fashion design)
- Students tend to think that the gender gap is a historic phenomenon
- They have to be made aware that design is gendered
- Highest learning outcome for the male students

# The Wonder Network: Women in Design Research and Education A Scandinavian Approach

Prof. Dr. Martina Maria Keitsch, Department of Design, Norwegian University of Science and Technology, Trondheim

#### Background and aims

The WONDER network was found in 2012 and consists of female professors, post. docs and PhD students from almost all Scandinavian countries. The network comprises architecture, design and to a smaller degree engineering.

The main focus is to contribute to women's professional- and career development, and to increase the share of women in permanent research positions at universities and university colleges.

Among other activities, WONDER has organized six seminars where both on-going research and projects as well as experiences on career planning and day-today challenges and opportunities for women in design research were discussed.

In 2012 Keitsch applied for funding from NTNU's gender mainstreaming fond. This funding was used to realize the network. In February 2012 we arranged a kick-off meeting to establish the Network.

Main topics for discussion were:

Discuss research issues: What are the main research interests of the participants for example in relationship to new approaches such as participatory design, design for self-reliance, design for sustainability and performance design?

**Thematize the research everyday**: What are actual problems in the design departments, related to the role as female researcher/professor in relation to meetings, students, promotion, cooperation with co-workers, department leaders etc.?

**Cooperate and disseminate:** How to find female mentors and peers in a male-dominated workplace and how to enlarge and promote research networks?



**Inaugural WONDER meeting** 

#### **Conditions**

Supported by KIF (Kvinner i forskning, <a href="http://kifinfo.no">http://kifinfo.no</a> funding and support from the Faculty of Engineering Sciences and Technology a new WONDER seminar took place in October 2012 with the topic: Career planning.

Further a common name for the network was agreed upon: Women in Design research (WONDER) and a board group was established consisting of three Associate Professors from NTNU, The Oslo School of Architecture and Design and Oslo University.

The board decided that the network should have open access and that it first and foremost addresses female researchers with a focus on industrial design. Further that the minimum activities were to keep the network page going and at least one WONDER seminar per year.



Technology

Norwegian University of Science
and Technology

Professor
nina.bjornstad@aho.no

Elin Olander PhD, Researcher

Elin Olander @design.ith.se

Department of Design Science,







Wonder Board 2012

#### The seminars





# Career Development - Opportunities and Obstacles, Trondheim 29 October 2012

#### PROGRAM

14-m day 20th October 2012

Monaay 19 October	2012
9.00 - 10.00	Coffee, cookies - Introduction and update of participants
10.00 - 11.00	Inger Marie Bakken, Head of Department Trondelag R&D Institute,
	Career possibilities and discussion
11.00 - 11.45	Ida Munkeby, Director of Organization, NTNU,
	Career possibilities and discussion
11.45 - 12.30	Participants goals and strategies
12.30 - 13.30	Lunch, Kjelhuset
13.30 - 14.30	Svandis Benediksdottir: To be seen and heard
14.30 - 15.00	Martina Keitsch: Some suggestions for Women's Advancement in Academia
15.00 - 16.00	Coffee, cookies - Discussion on further steps for WONDER (e.g. Acronym©)

#### From Associate to Full Professorship

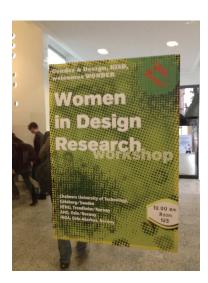
- Increase Research: Reading, writing, article publication, meeting with collaborators, presenting at conferences
- Limit undergrad teaching: Teaching graduate courses or independent studies, teaching and grading at other institutions
- Mentoring: Assisting with senior theses, serving on committees, reading and commenting on papers, writing letters of recommendation
- · Organizing or participating in workshops or forums
- Service to your Professional Discipline: Reviewer for professional journals, press, or foundation/agency

LIST ACTIVITIES IN AN UPDATED AND ACCESIBLE CV THAT PEOPLE WHO SEE THIS CAN REACH YOU

# Gender Stereotypes, Cologne Germany, 11 October 2013

- Uta Brandes introduced the concept of gender and design, followed by exemplary gender projects carried out with KISD students and researchers
- 2. Marijke Doemges presented her research about the infantilization of women
- 3. and the sexualisation of little girls
- Aljoscha Nimz and Sebastian Oft presented their intermediate exam about the differences and conflicts between gay men as queer (drag queen etc.) and as "straight" "gay"
- Andreas Breilmann presented his analysis and new "fashion" for the German army: "BundesWear"
- Presentations from the Wonder members Martina Keitsch, Astrid Skjerven, Nina Bjørnstad, Julia Schlegel and Maral Babapour
- 7. Presentation of international Gender Design Network (iGDN) and of WONDER
- 8. Discussion about further activities.



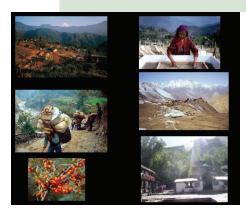


"To tackle the problem of gender inequality in design, the social ideologies of the binary system of femininity and masculinity must be overcome. It's not the objects themselves that are feminine or masculine – these are meanings that we, the public, perceive. So just how can this perception be altered?"

Prof. Uta Brandes, Professor in Design, Cologne University https://kisd.de/en/studium/menschen/prof-dr-uta-brandes/

#### Gender-sensitive Design, 7-8 August 2014

```
10.30 - 11.00 Registration and Welcome
11.00 - 12.00 Keynote: Uta Brandes, Köln International School of Design: Hotel Study/Project
12.00 - 13.00 Lunch, Realfag
13.00 - 14.30 Presentations
13.00 - 13.30 Marijke Doemges, Köln International School of Design: Imposing Gender - An intercultural
             analysis of gendered infant funeral design
13.30 - 14.00 Nina Bjørnstad, Oslo School of Architecture and Design
14.00 - 14.30 Julia Schlegel, Snøhetta & Oslo School of Architecture and Design
14.30 - 14.45 Coffee Break
14.45 - 15.15 Presentations
14.45 - 15.15 Brita Flaavad Nielsen, IPD: Relational Design
15-15 - 15.45 Vibeke Sjøvoll, Oslo and Akershus University College
15.45 - 16.15 Group discussion
19.00 - 21.00 Dinner
8 AUGUST
09.00 - 09.30 Martina Keitsch, IPD: Sustainable Energy Design and Gender Mainstreaming in Nepal
09.30 - 11.00 Discussion on WONDER med Svandis Benediktsdottir, NTNU
11.00 - 12.00 Lunch
12.00 – 15.00 Closing and Excursion to National Museum of Decorative Arts and Design
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#### Gender and Design Education, 10-11 September 2015

- The 2015 Seminar took place at Ingvar Kamprad Design Centre at Lund University, Sweden.
- This seminar focused on academia in general, and in particular on the university as a working 13:50-14:30 Nins Bjørnstad, Institute of design, The Oslo School of Architecture and design, AHO place. Presentations and discussions covered to what extend the academic working climate affects professional performance from a gender point of view, and how stereotypical mind-sets regarding gender and other norms affect our roles as design educators and researchers.
- Furthermore, how the design profession is influenced in general, when current students and future design practitioners enter 'real life' and create products, services and systems reflecting their own norms and values and the ones passed on by researchers and teachers.
- The Lund seminar was the first WONDER meeting where male researchers presented their experiences and studies.

Thursday 10th September Inspiration Day, Place: Small Lecture Hall, Design Centre

12:00-13:00 Light lunch and registration

13:00-13:40 Christer Eldh, Department for Service Management and Service Studies, Lund University

"Gender and Academia- University as work place"

"Challenge, gender, prejudices - Experiences from the course: Identity in products, services and interactions" for Industrial design students

14:30-15:00 Coffee break

15:00-15:40 Kerstin Sylwan, The Swedish association of designers, www.OMFORMA.se

"Gender and design profession - experiences of inclusion and exclusion in the design profession" 15:50-16:30 Panel discussion. Moderator: Inger Lövkrons, Department of Arts and Cultural Sciences, Lund

"How are we doing?"

16.30-17:00 Round-up discussion and mingle

#### Friday 11th September WONDER Network Day, Place: room 467

8:30-9:30 Cheryl Akner-Koler, University College of Arts, Crafts and Design, Stockholm Sweden

9:30 - 11.30 Discussion on future activities. Martina Keitsch, Department of Industrial Design, Norwegian University of Science and Technology, Trondheim.

12:00-13:00 Light hunch



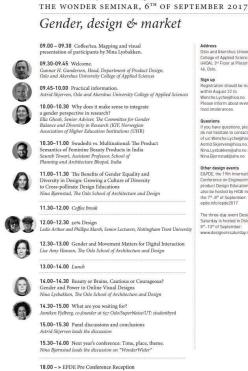
# Gender and the Practicalities of Design Research, 16-17 June 2016 Oslo

- The seminar discussed a wide range of practical aspects in handling physical or digital materials, for example related to how to conduct a design related PhD degree and how to use digital skills to teaching design students.
- Practical tasks such as workshop training, lecturing and guidance comprise aspects of physical work often assigned to male teachers.
- In the seminar presentations and discussions female and male researchers shared gender related stories from their 'research through practice' approaches and the seminar included a practical workshop assignment well.



#### The Wonder Seminar 2017

**Theme**: Gender, design & market, **Time**: 6th of September 2017 **Location**: Oslo and Akershus University College of Applied Sciences







WONDER seminars are free of charge & all meals are made in collaboration. X Parting 5-0 Meshigne 19th Wednesday

12 - PLACE: Painting studio - taster lunch (bring a taste that reflects who you are - 20 spoonfuls)

13:15 - Haptic experience - hand & body

- check in: gear shift (Annika) lab sensuous cognition & warm clay Cheryl Akner Koler- Konstfack why haptic research is a feminst subject Cristine Sundbom- Konstfack crafting material narratives- PhD
- cratting material indicatives in the Anna Holmqvist- KTH, Konstfack
   Gender
   women's lost heritage in culinary hand crafting Student
   Student Corina Akner & Charlie Ray -VÄRT

#### 20th Thursday

- 9 check in: gear shift haptic attributes of presencing Annika Göran Rodell- ÖU
  - struggles with white space Martha Rice Skogen- Phd from NTNU,
  - informal discussion using artifacts

#### 21th Friday for the organizers

9 - check in 9 - check in core organizers plans for strategies, documentation & next conference

12:30 - lunch active meal experience 14:00 - Martina Keitsch- NTNU Strategies:

Gender mainstreaming how to achieve gender equality Nina Björnstad- AHO

Gender Effects in design education

- Student Pop up exhibition-norm critical

aesthetic processes & gender issues

16:30 farewell

#### theme

active food experience

Johanna Lewengard our dinner guest: an interview about her famous "brandtal" for the norm creative graphic design master program at Konstfack. 20 - hangout ...view over Mälaren

WONDER is a Scandinavian Network for Women in Design Research



#### Call for papers

s abstracts for the SEMINAR 2019:

#### GENDER SENSITIZING IN DESIGN, ART, ARCHITECTURE AND PLANNING EDUCATION

The goal of the seminar is to bring together academics and practitioners from design, art, architecture and planning to facilitate inspiring and progressive discussions.

\*\*ITETITES\*

We are particularly interested in proposals that develop, explore, investigate, and generate new knowledge in the fields above with the following themes in mind:

Gender representations in product semantics and in features of the feminine / masculine

Gender topics in curricula

Users' and stakeholders' inclusion relating to gender in the fields above

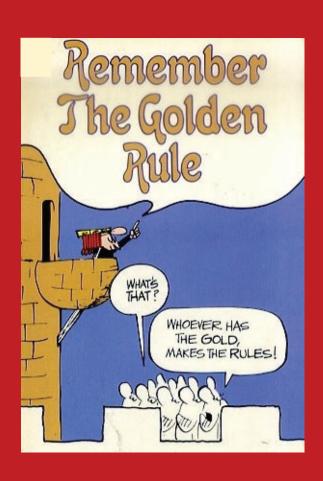
— others

#### Deadlines

Decivimes.
The WONDER perminar is a great chance to bring your work in an the academic setting.
Abstracts of app. 300 words should be submitted by 1 June 2019. Message of acceptance will be sent 28 June 2019. Deadline for registration is 10 August 2019. Contributions can comprise posters, digit, situalizations etc. plus an oral presentation.

#### Summary and suggestions

- 1. A future challenge for WONDER is to ensure a better foundation of the network in terms of management (structure, operation and members), planning of activities and dissemination (common research, information on positions, professional exchange etc.).
- 2. Learning from other 'women in design' networks in Scandinavia and the rest of Europe would contribute to stabilize the network.
- 3. Building a network requires some time. In the beginning most of the activities for and in the network will be voluntarily, in Norway this is classifies as 'administrative time'. A Norwegian university professor has 40& teaching, 40% research and 20% administrative tasks stated by the university law.
- 4. Temporarily and if funds are available a network assistant is helpful, especially when setting up a home page and planning and conducting seminars and workshops.
- 5. A board should be established who makes administrative suggestions and decisions.



Thank you for your attention