



# Mainstreaming Gender into the International Agendas for Sustainable Development

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Technical University of Madrid

Former Director of Women and Science Unit,  
Cabinet of the Spanish Minister for Research and Innovation

# Where is Gender in the Sustainable Development Agenda?



Goal #5 Gender Equality

Also, although it could be improved, in social goals: 1-4

What about the Gender dimensions in the remaining goals?

Infrastructure related goals: 6-12

Earth&life related goals: 13-15

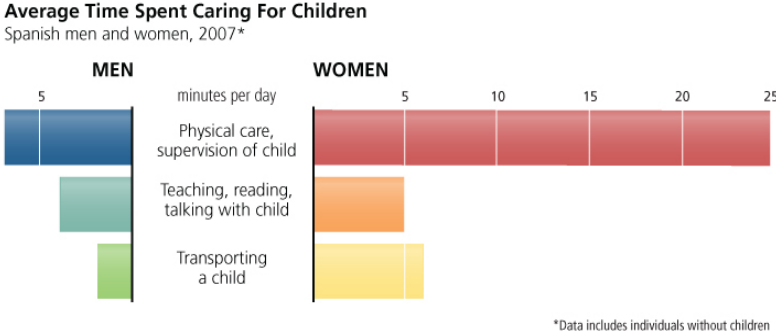
Governance related goals 16-17



# Basic gender concepts relevant for sustainable development

**Care**

Trabajo no remunerado realizado por personas adultas para cuidar a niños y a personas dependientes y para asegurar el funcionamiento general del hogar



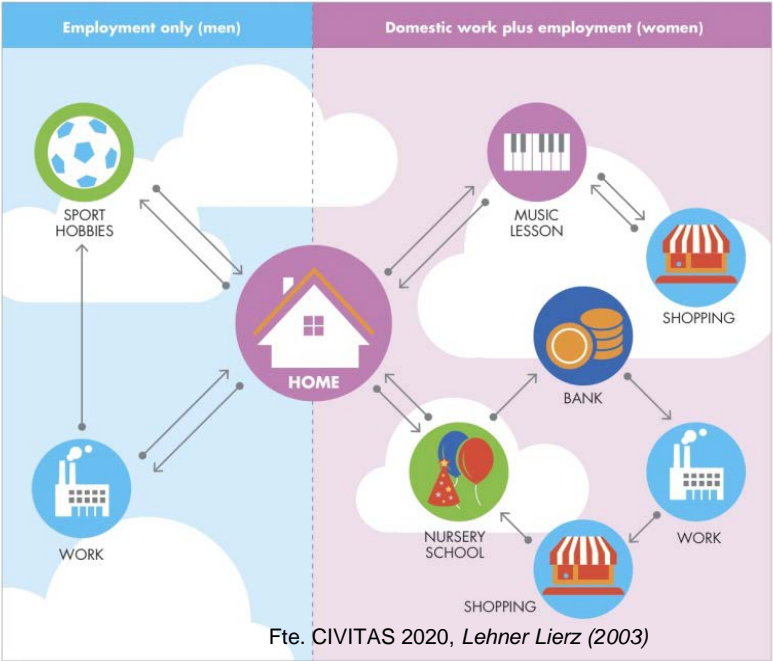
**Gender roles**

**Sexual division of labour**

**Double work load**

**Gender and sexual violence**

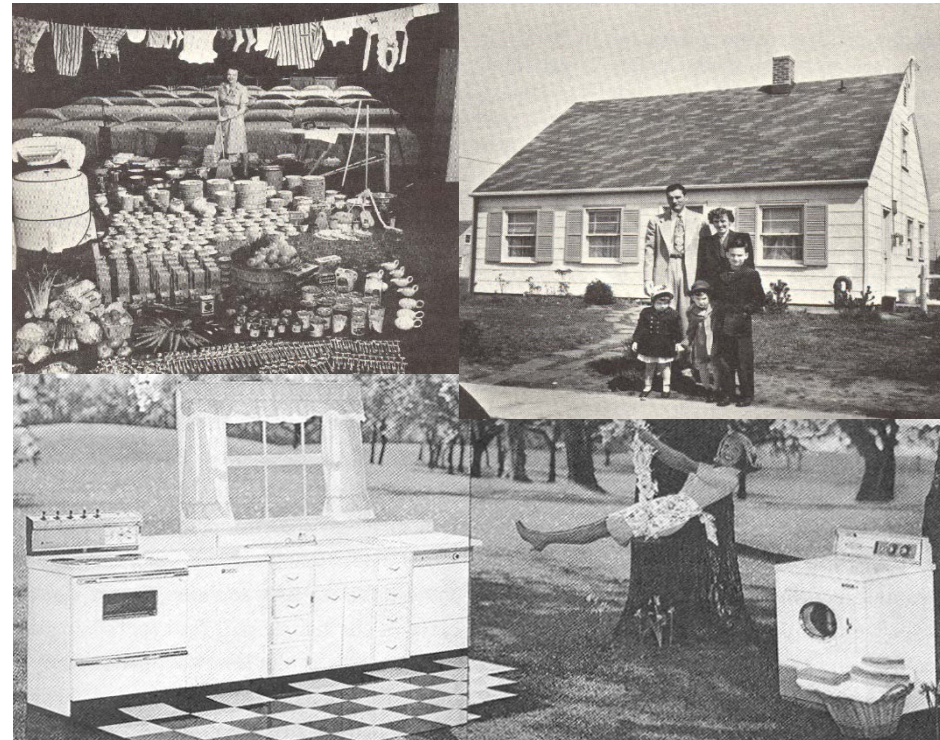
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# Implicit assumptions in modern city building and development

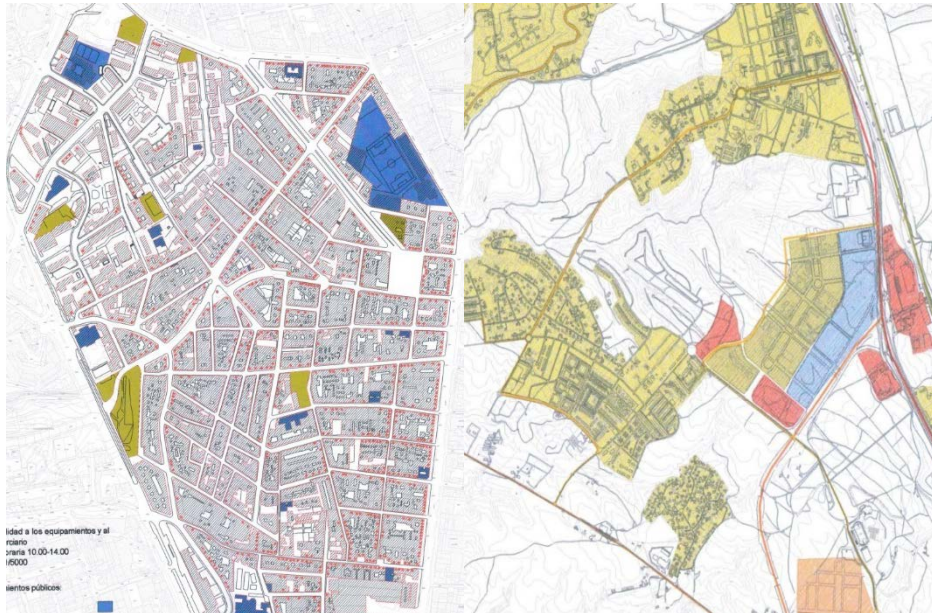
Ideas no cuestionadas, y a menudo inconscientes, sobre las estructuras familiares con arreglo a las cuales los profesionales planifican y construyen ciudades y edificios

El espacio urbano de la domesticidad. Roles y estereotipos de género en la construcción del espacio suburbano contemporáneo





# Implicit assumptions in modern city building and development



Fundamentos disciplinares del urbanismo moderno: La Carta de Atenas y el funcionalismo

Las cuatro *funciones* de la ciudad:

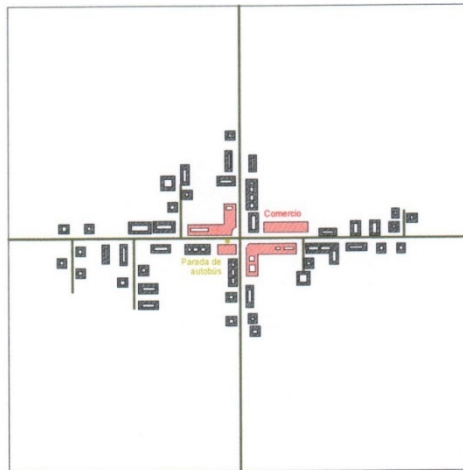
Residencial

Productiva

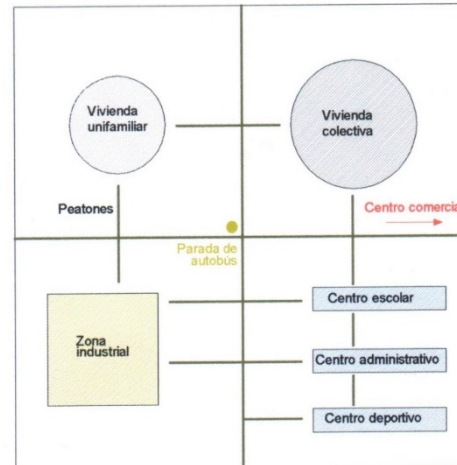
Ocio

Transporte

*comercio, dotaciones, servicios, equipamientos, educación, salud, etc.*



Ciudad tradicional



Ciudad dispersa

La forma, estructura, infraestructura y localización de usos en la ciudad impacta en la movilidad del ciudadano:

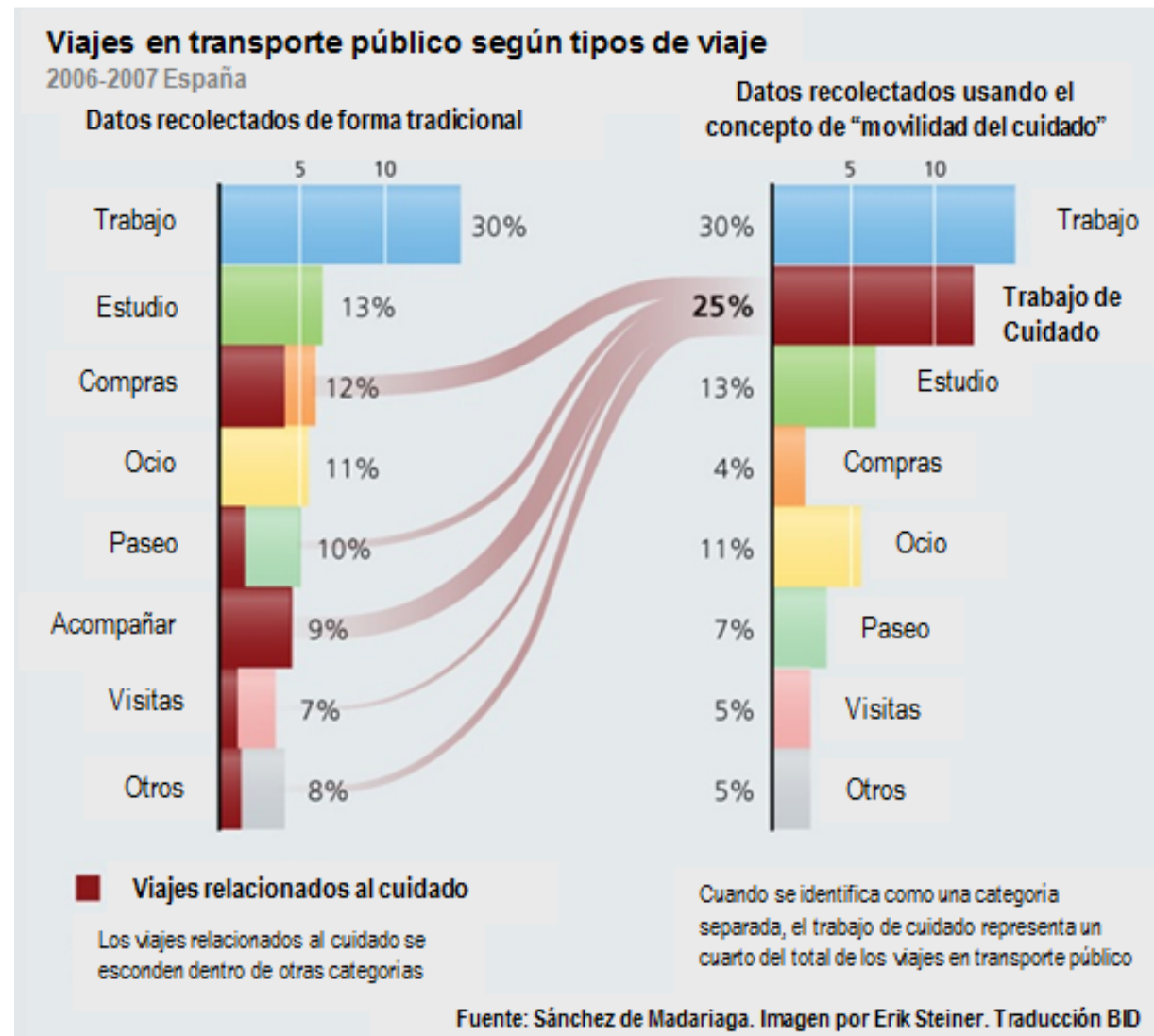
La separación de usos resultante de la aplicación de los principios del funcionalismo en la ciudad contemporánea dificulta la realización de las tareas de cuidado.

# Four illustrative examples

- “The mobility of care”: introducing Gender aware concepts in urban transportation.
- Women Centers: from focusing on services, to also ensure quality architectural and urban design: beauty brings dignity.
- “Access to washing machines”: A proposal for a Gender indicator that integrates equality with environmental, infrastructure, and energy concerns.
- Promoting women’s participation: moving from women’s programs to structural change of institutions, with a cautionary note on violence and harrassment

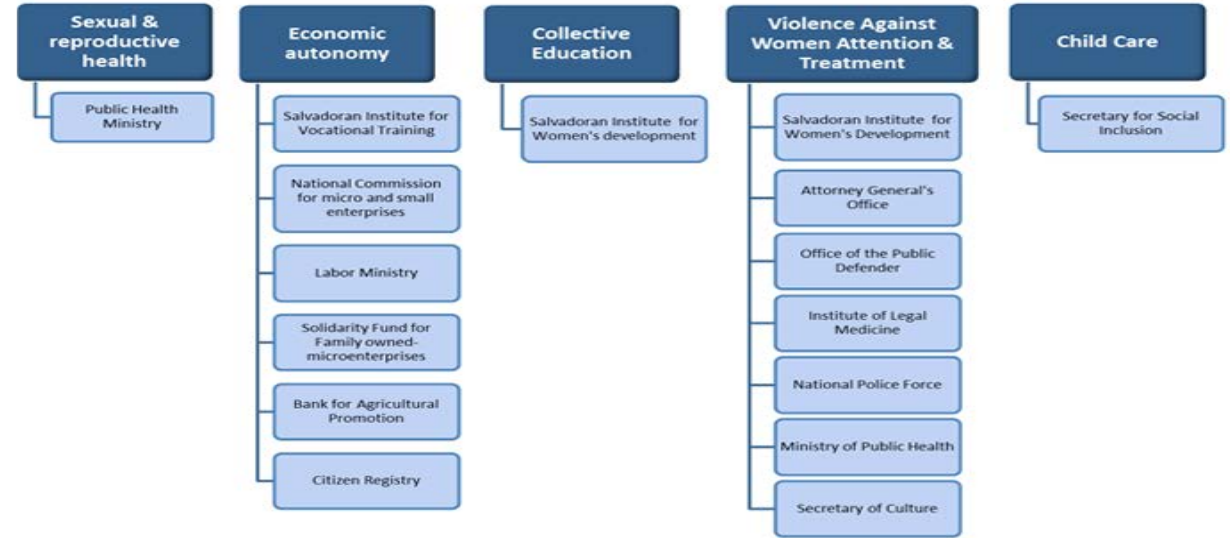
## The “mobility of care”

Un concepto paraguas que permite cuantificar y visibilizar los desplazamientos realizados por personas adultas para el cuidado de otros y el mantenimiento del hogar.



# Architectural and urban quality matter

Women Centers: beyond providing a space for services to building quality architecture



## FLEXIBILITY:

To tailor each centre according to the needs of women in the area and local institutional capacity

## MODULAR:

To easily integrate new services and institutions into the centres (one service = one module)

## SCALABLE (replicability):

A clear model, able to cover the whole regions of the country, over time.

**AND.....A WELCOME AND SAFE ENVIRONMENT**



# Architectural and urban quality matter

Women Centers: beyond providing a space for services to building quality architecture

Colón (march 2011)



Usulután (march 2012)



Santa Ana (january 2013)



San Martín (march 2013)



San Miguel (Nov. 2013)



# Architectural and urban quality matter

Women Centers: beyond providing a space for services to building quality architecture





# Architectural and urban quality matter

Women Centers: beyond providing a space for services to building quality architecture

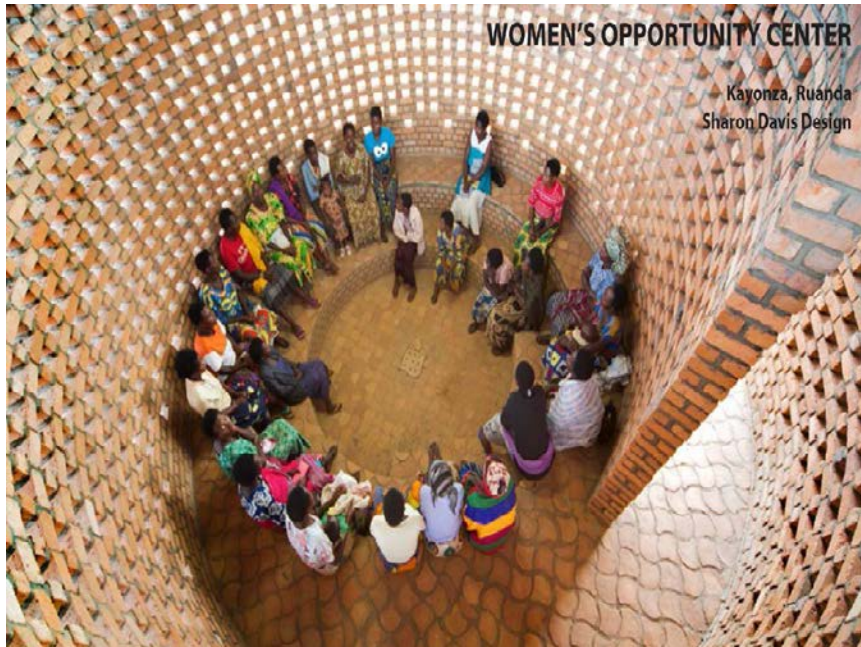




# Architectural and urban quality matter

Women Centers: beyond providing a space for services to building quality architecture

Women Resource Center, Ruanda, By Arch. Sharon Davis





# Architectural and urban quality matter

Women Centers: beyond providing a space for services to building quality architecture

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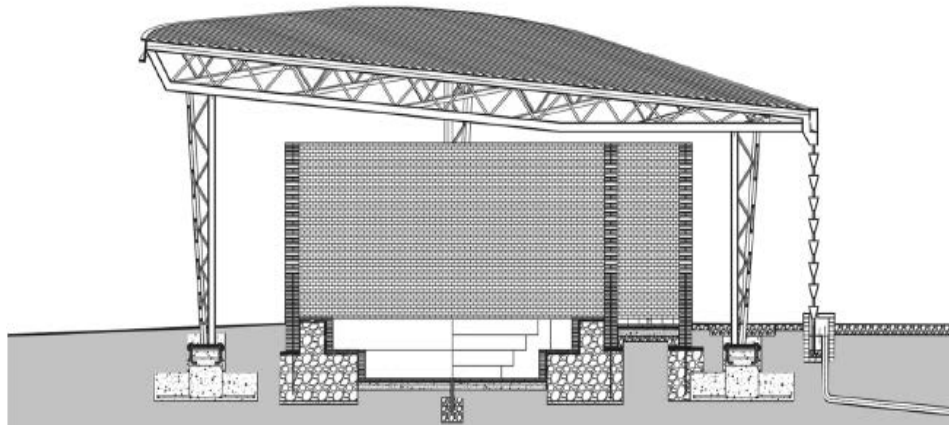
3. Ingresso e mercato



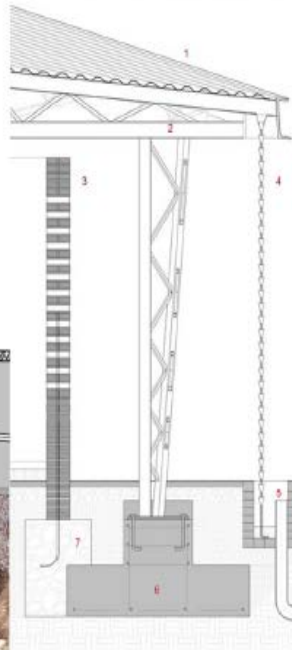
# Architectural and urban quality matter

Women Centers: beyond providing a space for services to building quality architecture

Women Resource Center, Ruanda, By Arch. Sharon Davis



SISTEMI COSTRUTTIVI



1. Copertura ventilata in lamiera
2. Struttura reticolare in ferro
3. Muratura ventilata in mattoni di argilla
4. Elemento metallico per lo scolo dell'acqua
5. Sistema di raccolta dell'acqua piovana
6. Fondazione in cemento armato
7. Fondazione in pietra



# Envisaging gender indicators that address infrastructure related SDGs 6-12: “Access to washing machines”



## Latest News

Barcelona meeting group meeting discusses gender and post-conflict  
04/27/2016

UN-Habitat launches Multifunctional Community Centre for Renewable Energy in...  
04/27/2016

UN-Habitat holds workshop on legislations and classification of the informal...  
04/26/2016

Afghanistan completes national workshops on urban priority programme  
04/20/2016

On a mission to Mozambique, Dr. Kacyira meets government and key partners  
04/15/2016

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7th Global Housing Finance Conference  
25/05/2016 - 26/05/2016  
Washington, DC

No Cost Housing Conference  
30/06/2016 - 01/07/2016  
Zurich-Oerlikon

Reviewing the State of Safety in World Cities Conference  
06/07/2016 - 08/07/2016  
Geneva

Terra LYON 2016 - XIth World Congress on Earth Architecture  
11/07/2016 - 14/07/2016

## Access to Washing Machines: an indicator for measuring advances in the global agendas on gender, sustainability and urban quality

by Inés Sánchez de Madariaga

2015 and 2016 will be two very important years for three global agendas at the United Nations. Firstly, the gender equality agenda marks the 20th anniversary of the Beijing World Women's Conference in which gender mainstreaming was recognized as a main tool for promoting gender equality in all fields of policy.

Secondly, the Sustainable Development Goals will replace the Millennium Development Goals, with two important events during 2015 leading to the key meeting in December in Paris, at which serious political agreement will have to be reached if the world is to really act upon climate change.

Finally, the Third UN Conference on Housing and Sustainable Urban Development (Habitat III), will be held in Quito in 2016. This will be the first global UN conference after the Post 2015 Development Agenda. As such, it constitutes a critical opportunity to discuss and chart new pathways in response to the challenges of urbanization and the opportunities it offers for the implementation of the sustainable development goals.

This constitutes a 'New Urban Agenda' for the 21st century.

Often sustainability goals are reached, or promoted, at the expense of increasing gender inequality, or at the price of not reducing it. Because cities are the main locus where both gender and environmental issues are played out, we need to look at these three global agendas in an integrated way, so that we make sure there will be no harmful trade-offs between promoting gender equality and ensuring sustainable development.



*Inés Sánchez de Madariaga is a professor of urban planning at Universidad Politécnica de Madrid, Spain. She is the chair of genderSTE, a policy-driven targeted network funded by COST (European Cooperation in Science and Technology). She is also a member of the Advisory Council of the Spanish Network of the UN-Sustainable Development Solutions Network (UN-SDSN).*



# From programs addressing women to promoting structural change of institutions

When promoting women into male dominated fields we must take into consideration the wider picture and engage into structural and cultural change.

Two key resources:

- EC “Structural Change in Research Institutions: Enhancing Excellence, Gender Equality and Efficiency in Research and Innovation”, 2011. Expert Report. Chair Inés Sánchez de Madariaga. Recognizes gender bias as a main problem to be addressed

- The toolkit by EIGE, the European Institute for Gender Equality (in process)

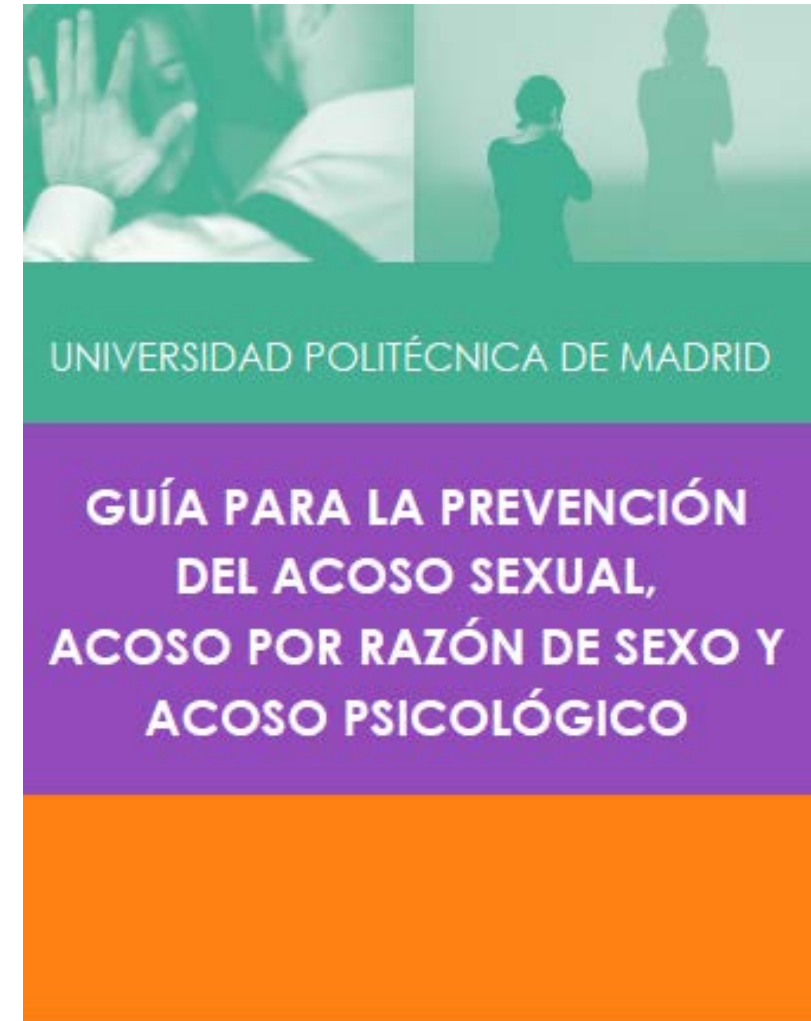
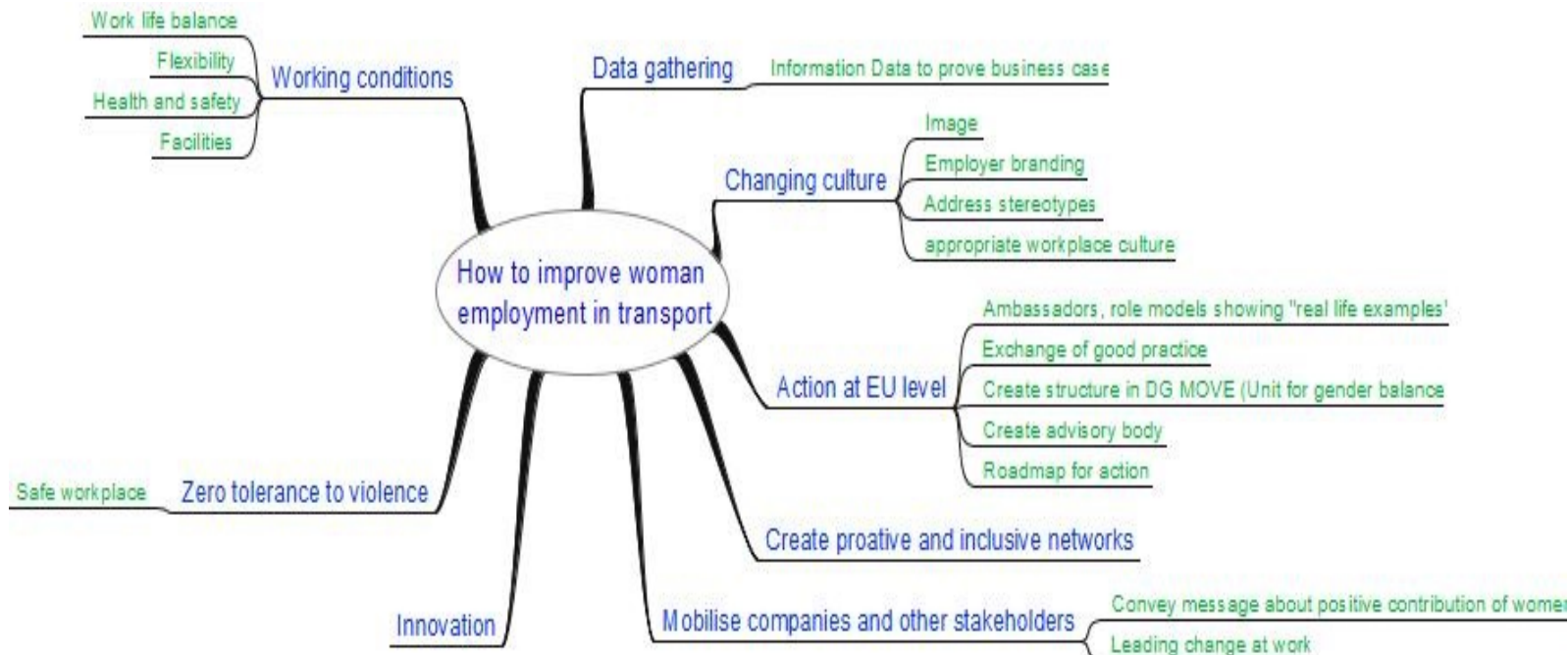


Structural change in research institutions: Enhancing excellence, gender equality and efficiency in research and innovation

# From programs addressing women to promoting structural change of institutions

When promoting women into male dominated fields, do not forget to address gender and sexual harassment and violence.

Do not allow the issue of violence to remain a hidden problem that remains under the radar.




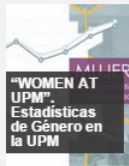


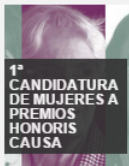


# Structural Change at the Technical University of Madrid. TRIGGER Project



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UPM TRIGGER PROJECT –  
Transforming Institutions by  
Gendering Contents and Gaining  
Equality in Research

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 <p><b>Clausura MENTORIAS TRIGGER en la ETSEM</b></p> <p>Acto de Clausura del 1er Programa de MENTORIAS TRIGGER para Mujeres en la Escuela Técnica Superior de Edificación. 16 de febrero 2015.</p> <p>Seguir leyendo —</p>	 <p><b>Participación en "Dones i Ciència" en el CCCB de Barcelona</b></p> <p>El pasado 9 de febrero participamos en el debate "Dones i Ciència: la visió des de les institucions de recerca d'excoel·lència".</p> <p>Seguir leyendo —</p>	 <p><b>La IP de TRIGGER, miembro de REDS</b></p> <p>Inés Sánchez de Madariaga nombrada miembro del Consejo Asesor de REDS, Red Española de la UN-Sustainable Development Solutions Network. –</p> <p>Seguir leyendo —</p>	 <p><b>"WOMEN AT UPM". Estadísticas de Género en la UPM</b></p> <p>Informe sobre la situación de las mujeres en la Universidad Politécnica de Madrid. Presentación: 21 enero 2015, 10hr Paraninfo UPM</p> <p>Seguir leyendo —</p>
 <p><b>Artículo. ES HORA DE EDIFICAR EN FEMENINO</b></p> <p>Artículo en El País sobre mujeres y arquitectura. La profesora Inés Sánchez de Madariaga, investigadora principal de TRIGGER, es</p> <p>Seguir leyendo —</p>	 <p><b>TRIGGER participa en "Espacios para Arquitectas"</b></p> <p>El pasado 27 de octubre se celebró el 1er encuentro del ciclo "Espacios para Arquitectas" organizado por Roca Madrid Gallery.</p> <p>Seguir leyendo —</p>	 <p><b>1ª CANDIDATURA DE MUJERES A PREMIOS HONORIS CAUSA</b></p> <p>Hemos lanzado nuestra primera CANDIDATURA DE MUJERES A LOS PREMIOS HONORIS CAUSA DE LA UPM. Toda la información AQUÍ DENISE SCOTT-BROWN</p> <p>Seguir leyendo —</p>	

[www.triggerprojectupm.wordpress.com](http://www.triggerprojectupm.wordpress.com)







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**What is genderSTE?**

**g** **genderSTE** is a network of policy makers and experts committed to promoting a fairer representation of women and better integration of gender analysis in research and innovation.

**g** We disseminate state of the art know-how on structural change of institutions and on methods for gendered analysis in research.

**g** We aim at advancing the state of knowledge in the specific fields of: cities, transport, energy, climate and industrial innovation.

**g** Our members represent government bodies, research organizations, universities, non-profits, and private companies from 40 countries, in Europe and beyond, as well as international organizations.

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 <b>25 Feb '15</b> MEETING OF WG2/TF  Munich , Germany	 <b>30-31 Mar '15</b> MC AND MEETING OF WG1  Lisbon , Portugal	 <b>3 Jul '15</b> CAPACITY BUILDING WORKSHOP FOR DECISION MAKERS  Cyprus	 <b>25-26 Aug '15</b> CAPACITY BUILDING WORKSHOP FOR RESEARCHERS  Tallin , Estonia	 <b>3-4 Nov '15</b> Meeting of WG3 and Conference ESR workshop  Istanbul, Turkey
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**ENGENDERING STEM FIELDS**  
Structural change in academia: recruitment, retention, promotion and leadership of women

**LISBON**  
March 30th-31st 2015

# Upcoming

UNESCO-UPM Chair on Gender, Technology and Innovation at the Technical University of Madrid

International Conference Engendering Habitat III. Facing the Global Challenges in Cities, Climate Change and Transport

[www.engenderinghabitat3.genderste.eu](http://www.engenderinghabitat3.genderste.eu) Madrid, October 5-7

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Facing the Global Challenges in Cities,  
Climate Change and Transport  
5th Engendering International Conference

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