

Introduction to gender and its relevance for urban mobility planning

INSERT DATE

Training Developed By



Donors:



In collaboration with **giz** Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH



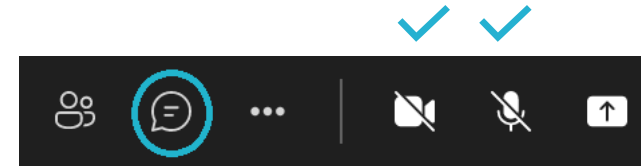
Learn more about the MobiliseYourCity Partnership and our replicable training offers: www.mobiliseyourcity.net



Some General Notes on this session



Make sure you are muted and your camera is turned off

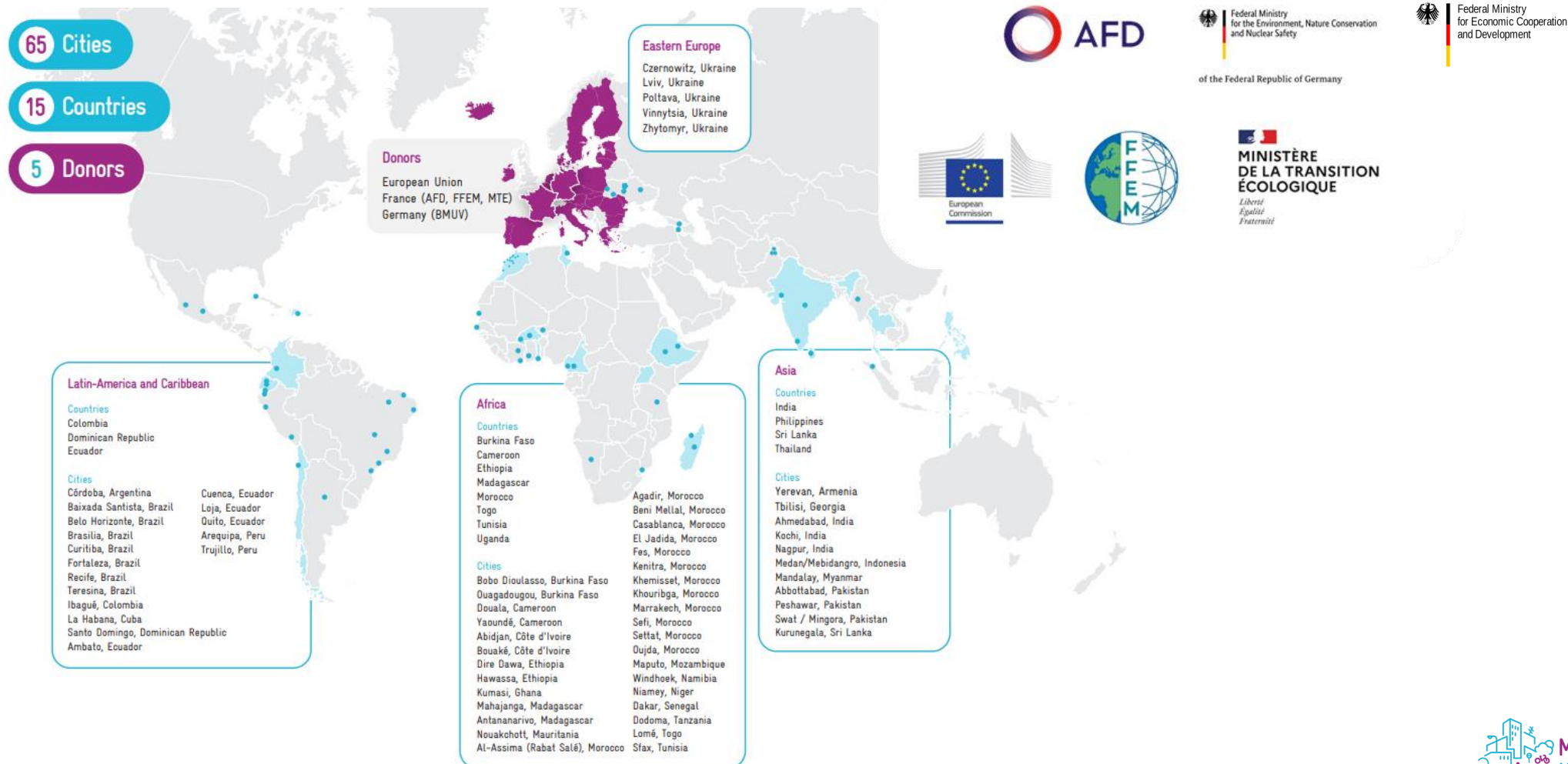


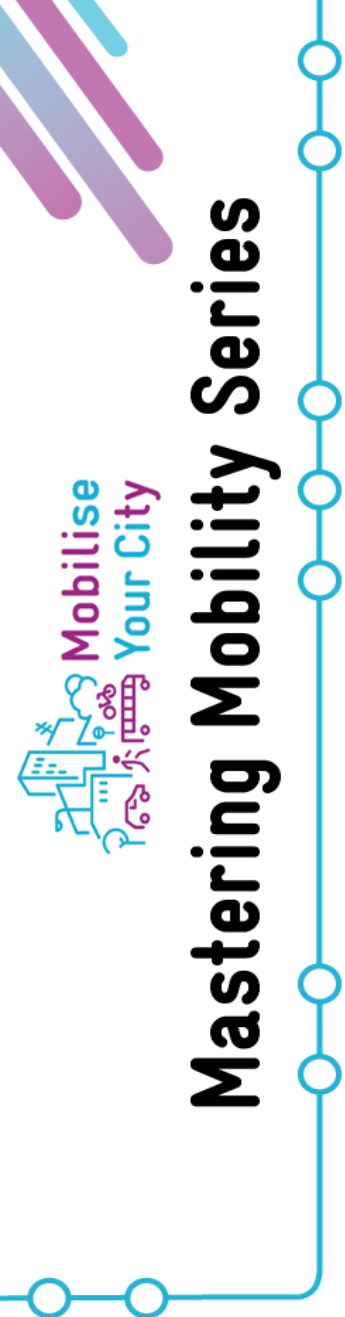
This session will be recorded. You will not appear in the recording if your camera is kept off



Include your questions in the chat, we will pose them in the Q&A at the end of the session

MobiliseYourCity - a truly global Partnership with members on 4 continents





Mastering Mobility Series

Objectives of the training

- Provide basic knowledge of what gender is and what is it not
- Discuss the broader context of diversity
- Familiarise participants with key approaches to gender
- Develop the link between mobility and gender
- Get to know different gender dimensions of mobility
- Learn about the political relevance of gender-responsiveness

Contents

1
Welcome & Housekeeping

2
What is Gender?

3
Coffee Break

4
Gender and Mobility

5
Quiz

6
Q&A, Feedback and Farewell

Speakers



Person 1



Person 2



Person 3



Person 4

Warm Up

Minor importance



Medium importance



High importance



Select any number of the following factors that play a role in mobility from a gender perspective and mark them accordingly.

Safety

Representation in workforce

Representation in decision-making

Mobility patterns

Accessibility

Data



What is Gender?

Definitions

Gender and Diversity

Gender Mainstreaming Approach and
the significance of gender inclusion

1.1.

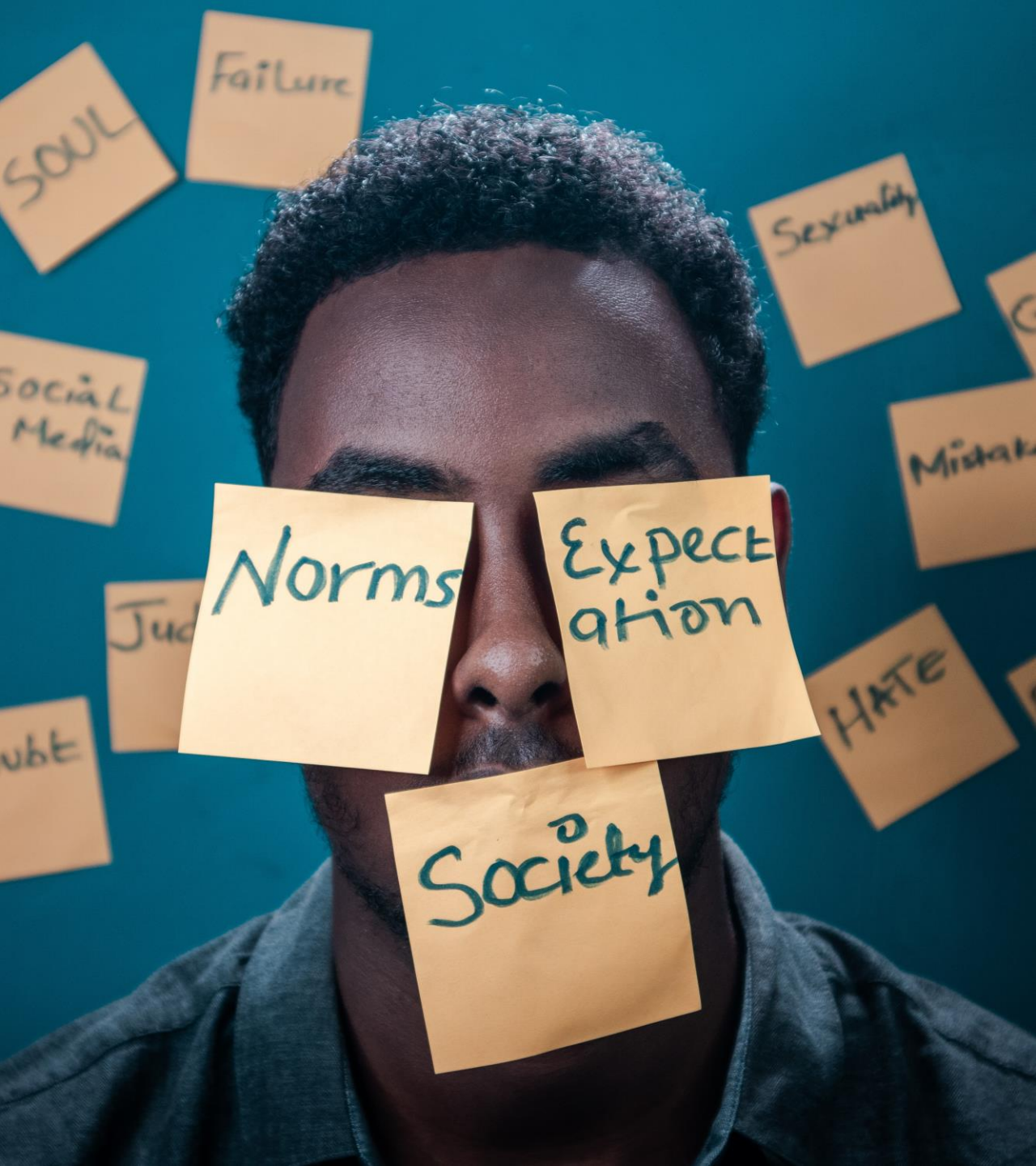
Definitions

Gender is a sociological term

- “economic, social, political, and cultural attributes and opportunities associated with being women and men” (jhpiego)
- “socially constructed roles, behaviours, expressions and identities of girls, women, boys, men, and gender diverse people” (Dazé and Terton, 2021)
- “Gender is **not defined by biology** or by a person’s body” (Dazé and Terton, 2021)
- “Gender diversity recognises that there are gender identities and **expressions that fall between masculine and feminine** or outside the gender binary” (Dazé and Terton, 2021)
- „gender roles often determine the traditional **responsibilities and tasks** assigned to women, men, girls and boys“. (UN Women)

Gender associations

Involvement option: Insert word cloud of associated characteristics for 1 min reflection



Gender is a construct shaping social relations

Gender is...

- A social construct
- Non-binary, gender queer
- A relational process
- A power relation
- Embedded in other power relations

1.2.

Gender and Diversity

Gender is one dimension of diversity

The diversity wheel shows that diversity includes all of us, yet with **varying degrees of impact** on opportunities

Internal dimensions

- most constant
- least controllable
- highest impact on social relations and inequalities

Gender is an internal dimension of diversity

“All human beings have been socialized to behave in certain ways, and **all of us are at times both perpetrators and victims of discrimination and stereotypes.** The idea is to move forward in creating more opportunities.” (PSU)





The perspective of Intersectionality

Example:

“In many cases, racial minority women experience discrimination in a completely different way than racial minority men or even women as a gender.” (OHCR)

→ An intersectional approach recognizes this.

“the complex, cumulative way in which the effects of multiple forms of discrimination combine, overlap, or intersect.”

Representation of people with varying socio-cultural characteristics: recognises that people have multiple identities

Takes into account historical, social, and political contexts that shape different forms of discrimination

Help to avoid generalisations about the experiences of people of one gender



A broader understanding of gender inclusion is necessary

Ultimately, gender-responsive policies need to go beyond catering to two gender identities.

Data gap: Currently, there is almost no data on (mobility) discrimination of people with non-binary gender identities in the Global South!



Gender-based violence outside of the binary

350 trans* and gender-diverse people were reported murdered in 2020. 82% of all murders registered happened in Central and South America. 38% of murders happened on the streets

22% of trans* people reported harassment or disrespect when using buses, trains, and taxis in a national study from the USA

4% reported being physically assaulted, and 9% reported being denied equal treatment in public transport

Data by the National Transgender Discrimination Survey (NTDS)

Gender is one dimension of diversity

The first step to a more inclusive perspective is awareness. Where do I face discrimination or have stereotypes based on dimensions of diversity, and how do they play out in my surroundings?

Take a few minutes to think about your community or workplace. Consider each of the following dimensions of diversity. How important are these differences to the people in your community or workplace? Are people treated differently based on these factors? Are decisions made about people based on these factors?



- Gender
- Physical makeup (appearance)
- Ethnicity
- Physical and mental limitations
- Age
- Sexual orientation
- Income level
- Geographical location or region
- Occupation
- Religion
- Education

1.3.

Gender Mainstreaming Approach and the significance of gender inclusion

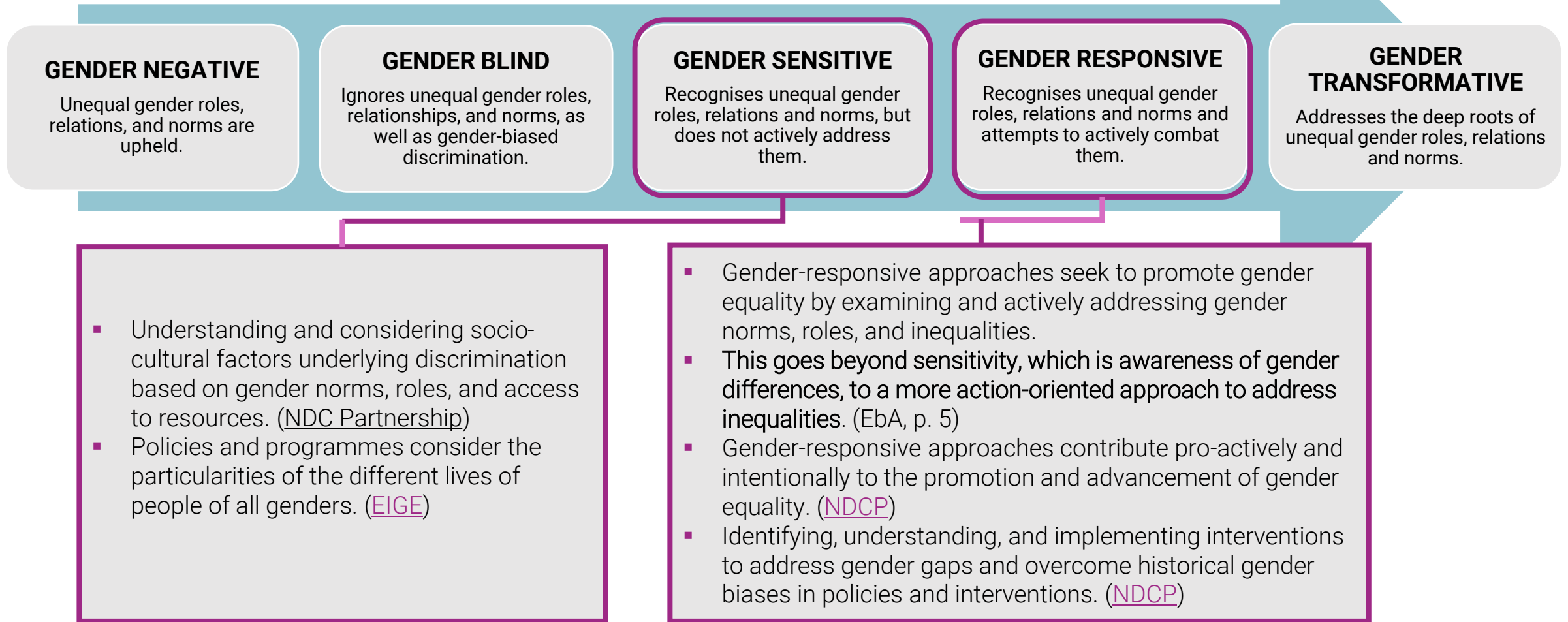
Equality



Equity



What is gender responsive vs. gender sensitive?



The practice of Gender Mainstreaming

What is it? The process of assessing the implications for women and men (*people of all genders*) of any planned action, in all areas and at all levels

Goal: women and men benefit equally from measures, and inequality is not perpetuated

Gender Mainstreaming requires

- integrating a gender perspective
- addressing the issue of representation

Both dimensions – gender representation and gender-responsive content - need to be taken into consideration in all phases of the policy-making process” (EIGE)



Intersectionality and Gender Mainstreaming

GENDER MAINSTREAMING PRACTICE

Category	Norm	Disadvantaged	Oppression
Gender	Male norm	Women, persons who don't identify themselves as a woman or a man	Sexism
Ethnic belonging	Whiteness norm, ethnic majority	Non-Whites, ethnic minority	Racism, ethnocentrism ⁶
Class	Middle-class norm	Working class, lower class	Class oppression
Sexuality	Hetero norm	Homo, bi, queer ⁷	Homophobia
Function	Functional norm	Persons with a disability	Ableism ⁸
Gender identity and gender expression	Binary gender norm	Transgender person, intersexual ⁹	Cis sexism, transphobia

INTERSECTIONAL PERSPECTIVE

Why include gender in mobility planning?

- Breaking up the (technocratic) male bias
- Providing access to common goods and opportunities
- Recognizing international policies and rights
- A tool for more efficient sustainable transport planning
- Benefits for all

“Though gender is one of the most robust determinants of journey purpose and mode, it is markedly absent in transport planning processes.”

Gender and Mobility

Introduction: How gender shapes mobility

Dimensions of gender and mobility

The policy context

2.1.

Introduction: How gender shapes mobility

How gender shapes mobility

The way we move in and experience a city is not gender neutral

- Women's **Access** to travel modes is limited
- Women's **travel patterns** are more complex than those of men
- **Mode choice** (and energy consumption) differ
- Effects of **other factors of inequality** intersect with gender
- Vice versa: transport systems have **gendered impacts**

It's about more than travel patterns and travel patterns are not without cause



GENDER-INCLUSIVE
URBAN PLANNING +
DESIGN

COMBATS



RESULTS IN

REDUCED...



Access



Mobility



Safety + Free
from Violence



Health +
Hygiene



Climate
Resilience



Security
of Tenure

CONTRIBUTE TO

SOCIAL + ECONOMIC
EXCLUSION

CREATE CONDITIONS FOR

CREATE CONDITIONS FOR

LEADS TO

COMBATS

LACK OF AGENCY +
REPRESENTATION IN
PLANNING + DESIGN



Gender-responsive planning

- Unsustainable urban planning has increased travel distances
- Higher dependency on transport due to separation of daily needs, tasks
- Gender perspectives rarely considered in transport planning
- Low share of women in the sector
- High share of men especially in decision-making
- Outcome: Marginalization of women's interests
- Gender-responsive planning combats this

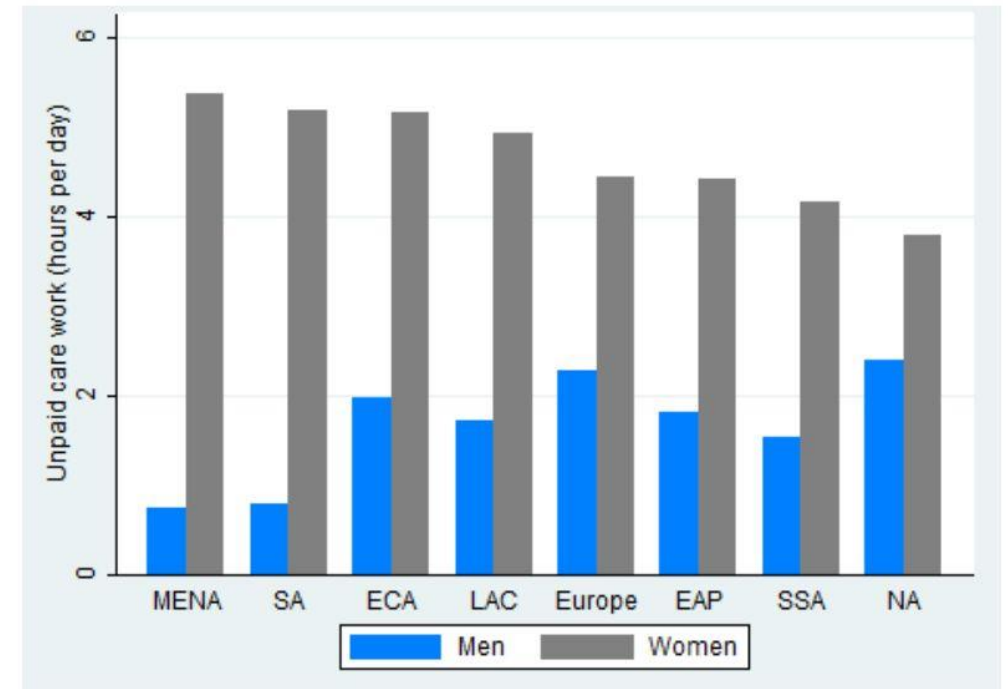
2.2.

Dimensions of gender and mobility

Mobility of care

- Labor market participation lower among women
- Unpaid care work: 75% carried out by women
- Trip chaining: several shorter trips combined, often in off-peak hours
- Men's trip patterns more likely individual trips for **commuting**
- **Bias** toward individual trips to and from work in transport systems
- Understanding of mobility needs to **include mobility of care**

Figure 3. Time spent on unpaid care work varies by gender and region

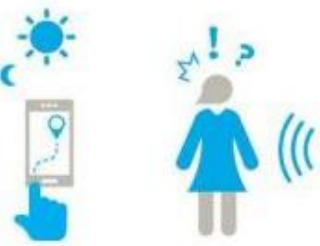
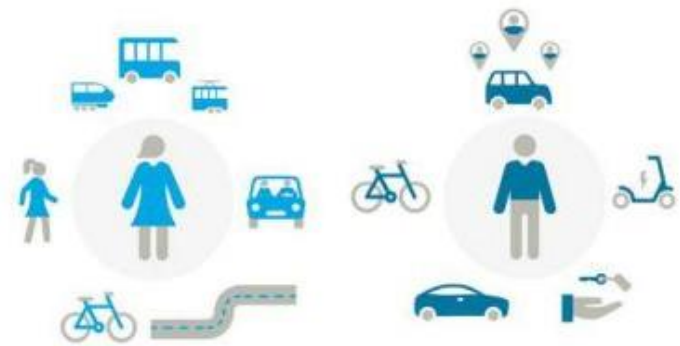


Note: This chart presents the average hours per day spent on unpaid care work by women and men by regions of the world: Middle East and North Africa (MENA), South Asia (SA), Eastern Europe and Central Asia (ECA), Latin America and the Caribbean (LAC), East Asia and Pacific (EAP), Sub-Saharan Africa (SSA) and North America (NA).

Source: OECD (2014), Gender, Institutions and Development Database .

GENDER DIFFERENCES IN MODES

1. Women walk more than men.
2. Women use public transport more than men.
3. Women cycle less than men if there's no or poor cycling infrastructure.
4. Men drive more than women. Women are often the passenger.
5. Men use new mobility services more than women.



GENDER DIFFERENCES IN EXPERIENCE

1. Women to a greater extent than men worry about harassment.
2. Women to a greater extent than men think about the route and time of day traveling.

GENDER DIFFERENCES IN TRIPS

1. Women travel shorter distances pr. trip than men.
2. Women trip chain and have multiple stops to a greater extent than men, who generally have an A to B trip pattern.
3. Women to a greater extent than men accompany children or other family members and/or carry bags and groceries.



Travel Behavior

Mobility varies based on trip patterns, travel modes and experiences while travelling

Women tend to take more trips

- for purposes outside of paid work
- Traveling shorter distances
- Using taxis or public transport
- As a passenger in a car
- walking

Men tend to take more trips

- To and from work
- Traveling longer distances
- Using cars
- Cycling

Travel Behavior

Example: Bogotá

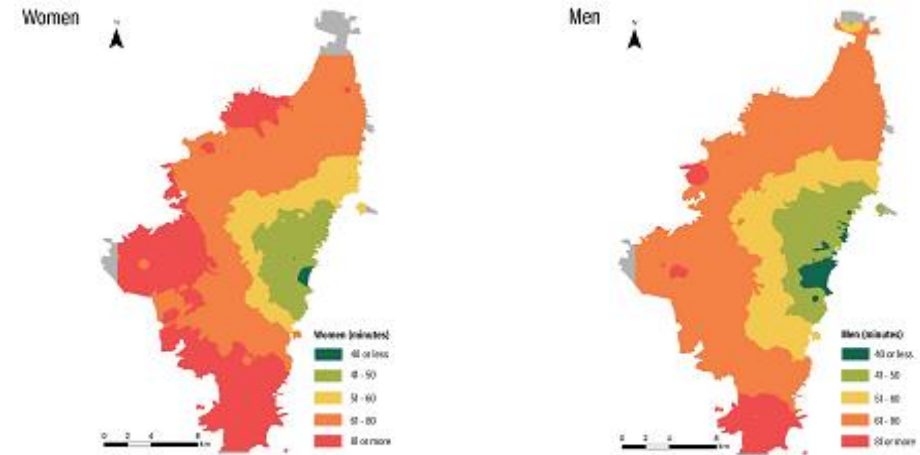
Number of daily trips: women spend 11% more time commuting than men, with larger differences in low-income neighborhoods

Destinations: men make more work-related trips outside of central business district

Peak hours: women take more and shorter trips during working hours

Cycling: women make up only 21% of cyclists in the city, related to infrastructure shortcomings

Average Travel Time to the Central Business District by Gender



Source: Las Mujeres y el transporte en Bogotá: las cuentas

WORLD RESOURCES INSTITUTE

Distribution of Trips Throughout the Day by Gender



Source: Las Mujeres y el transporte en Bogotá: las cuentas

WORLD RESOURCES INSTITUTE

Personal Safety

Sexual Harassment and Safety in Transport

- Nearly 60% of women in Britain feel unsafe walking alone in their cities
- 70% of women who use public transport in Mexico City have experienced gender-based violence
- 93% of women restrict their mobility due to fear of harassment, in two cities Kerala, India (Desai)
- "82% respondents prefer not to travel after 7-limiting employment opportunities" in Kerala (Desai)
- "68% of female respondents experienced sexual harassment, those in age group between 18-24 found most vulnerable". (Desai)



Consequences

Harassment and inconvenient transport services

perception of vulnerability

„restricted mobility and missed employment opportunities“ (Desai)

Women report various strategies to deal with safety concerns



Safety for all

Recognizing gender differences of mobility in planning ensures the safety of all

Personal Safety

Example: Bogotá

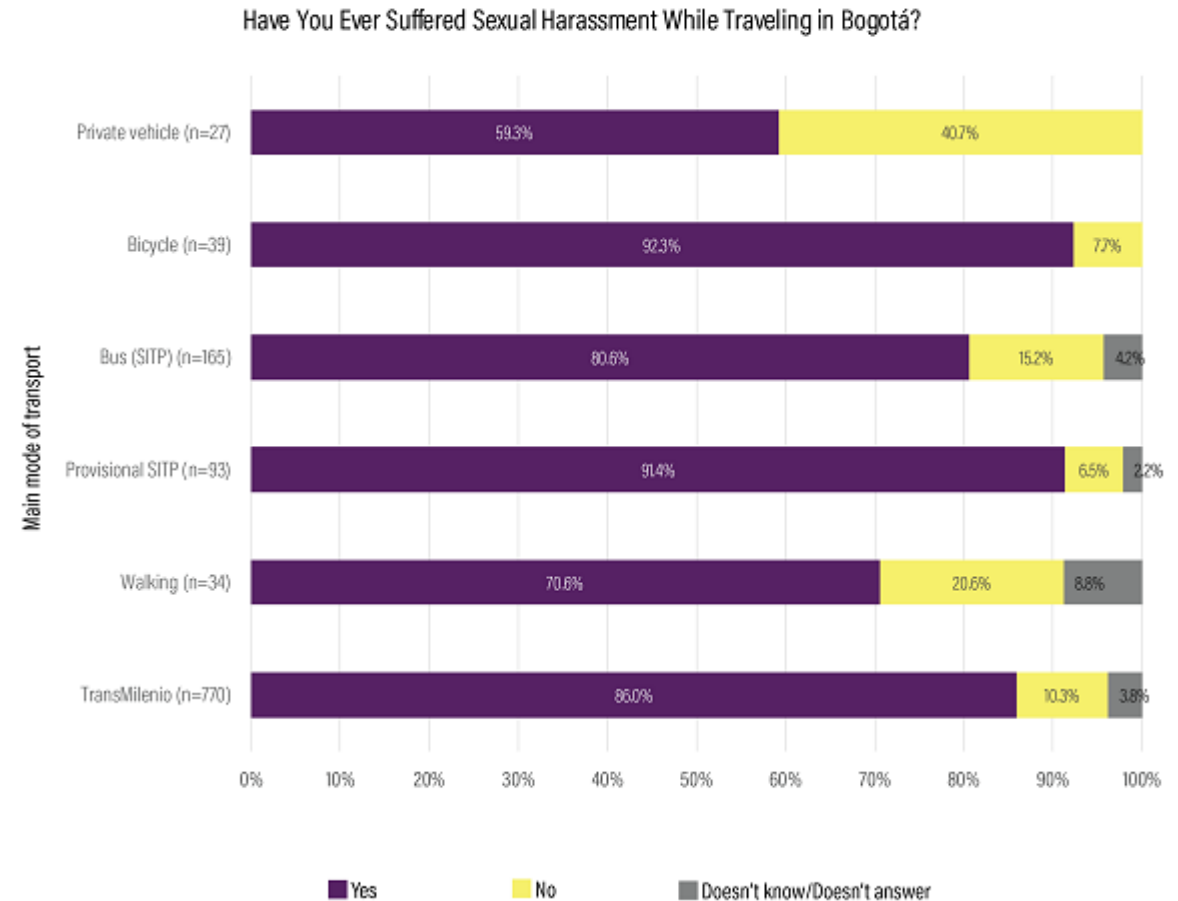
High levels of sexual misconduct

- ~ 85% of women suffered sexual harassment, across all transport modes
- lasting and significant effect on women's travel patterns

Gender discrimination and socioeconomic factors

- Reporting sexual harassment: 87% vs. 76% of women in lower and higher income bracket
- lower-income women are more likely to use high-risk modes

Sexual Harassment by Mode of Transport



Source: Las Mujeres y el transporte en Bogotá: las cuentas



Road Safety

- Lack of gender-disaggregated data on road safety
- Over half global deaths related to road traffic are among vulnerable road users
- Women make more frequent trips, more often as pedestrians, more often escorting
- Men are **three times** more likely to be killed in road crashes
- Men are more likely affected as **drivers of cars or motorcycles**
- Women are more likely affected as **car passengers or pedestrians**
- Crash testing and design of cars still based on average male physique
- Lack of **separation** between pedestrians and motorized traffic increases risk

Road Safety

Barrier to the use of active mobility, especially for women and underrepresented groups

Traffic safety reported as leading concern related to cycling, articulated more often by women than by men

→ Safety concerns focused on

- Behavior of other road users
- Inaccessible or unsafe cycling infrastructure
- Fear of harassment

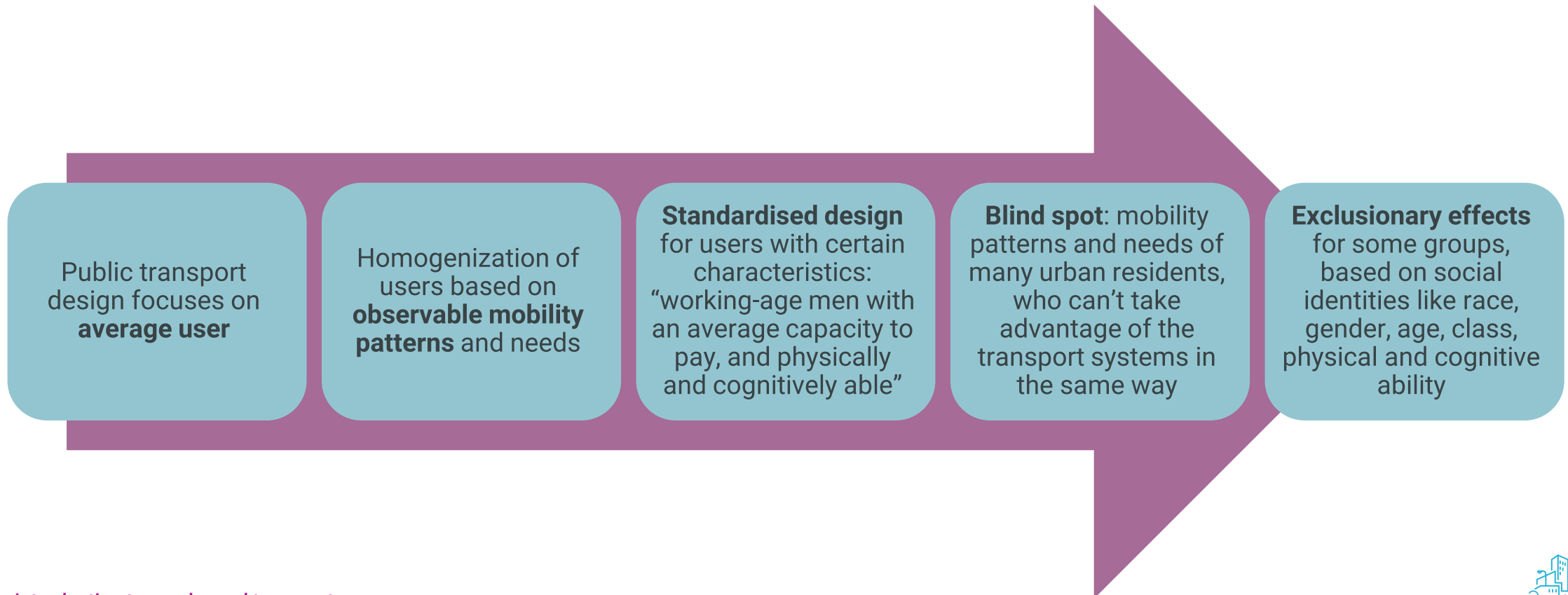
→ Can deter underrepresented groups from active mobility

- UK: majority of people over the age of 65, people with disabilities, people at risk of deprivation, women and people of ethnic minorities do not cycle
- Bogotá: most female crash victims in low-income neighborhoods with high number of women walking

→ UN Second Decade of Action for Road Safety 2021-2030 calls for integration of gender in all policymaking and implementation concerning mobility and road safety

Accessibility

Dynamic of traditional design, construction and operation of urban public transport systems



Accessibility

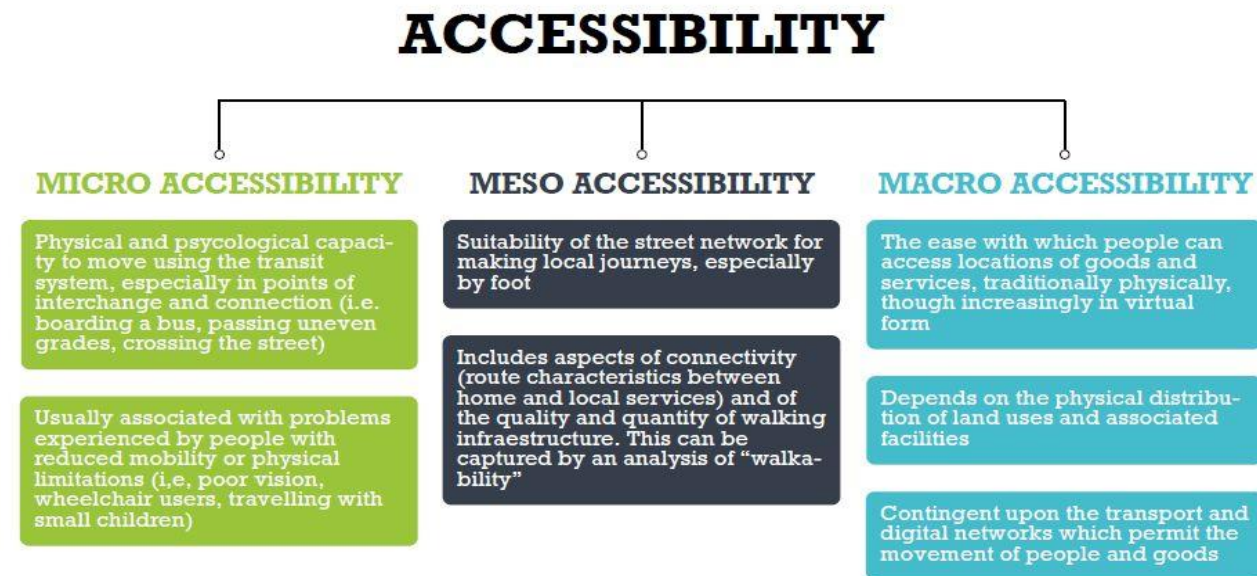
Limited access to transport restricts:

- opportunities for access to goods, services and employment
- participation in economic, political and social life
- Example: social-spatial segregation and larger travel distances to work

Conventional transport planning overlooks:

- Structural power relations
- Relation between public and private space
- participation in decision-making

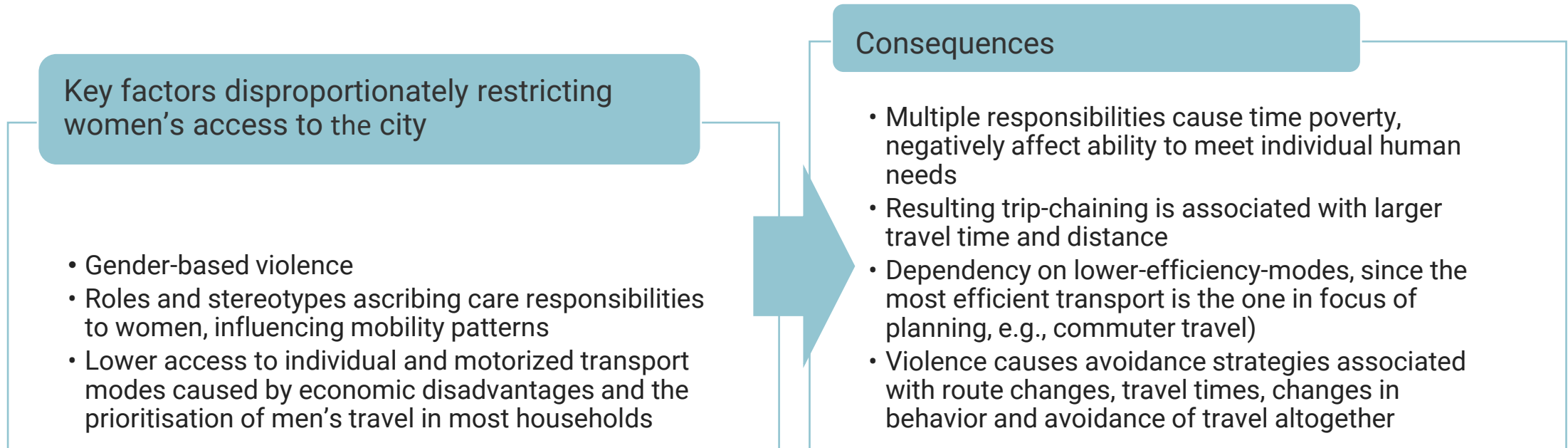
SCALES AND TYPES OF ACCESSIBILITY



Sc

Accessibility

Example: Latin America



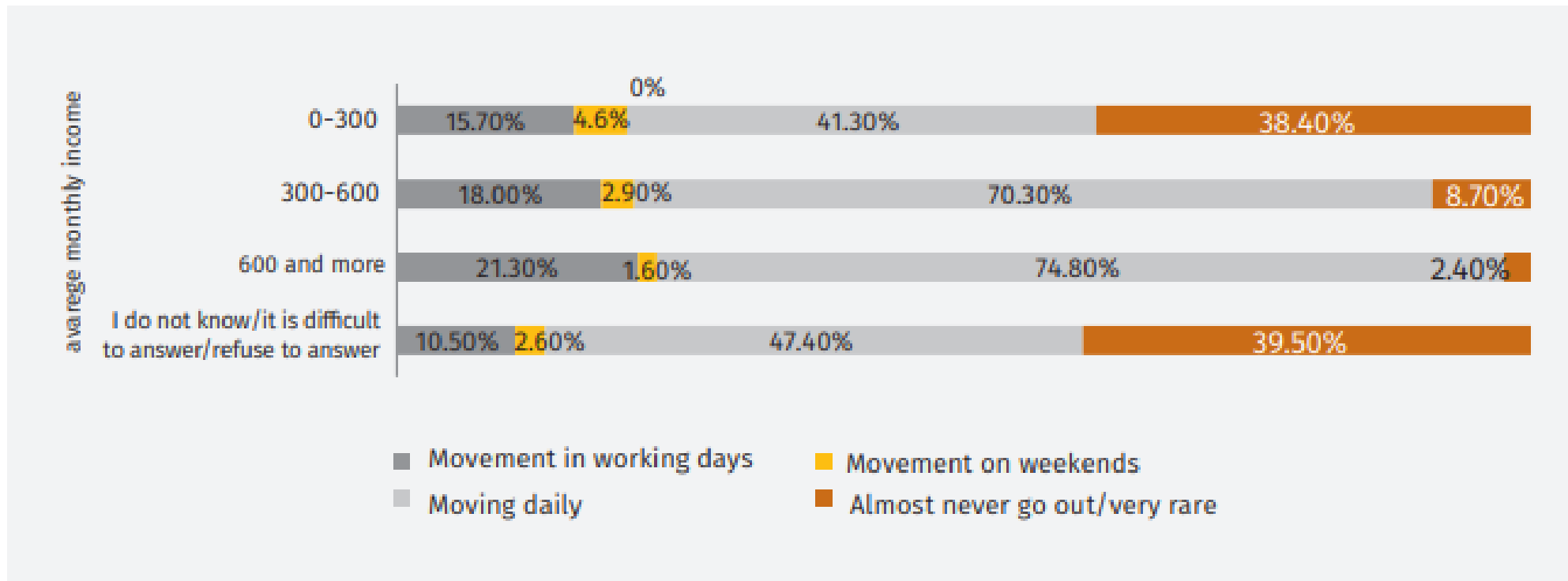
“Restricted access to the city’s opportunities due to the transport system **can exacerbate the urban poverty of women**, and has serious consequences for their accumulation of human and financial capital, and consequently their **autonomy and quality of life**” (p. 26)

Accessibility

Type of accessibility	Example: Georgia
Financial accessibility Transport should not be the most important expense for the family	<ul style="list-style-type: none">➤ gender roles and unequal gender distribution of labor put women in time poverty, which is also reflected in travel➤ A significant proportion (38.4%) of women with very low incomes rarely or never leave home.
Physical accessibility Routes, frequency and timeliness of service, locations	<ul style="list-style-type: none">➤ In addition to paratransit systems, owning a car is often main means of transportation in rural-type settlements➤ Unequal access to individual transport contributes to inequality in the labor market, results in limited access to education and health services
Social accessibility Quality of service, transport design, security	<ul style="list-style-type: none">➤ 62% of female students surveyed had experienced some form of sexual harassment in public

Accessibility

chart N 1: Movement and income



Representation

Ø 17% women in transport-related industries across 46 countries



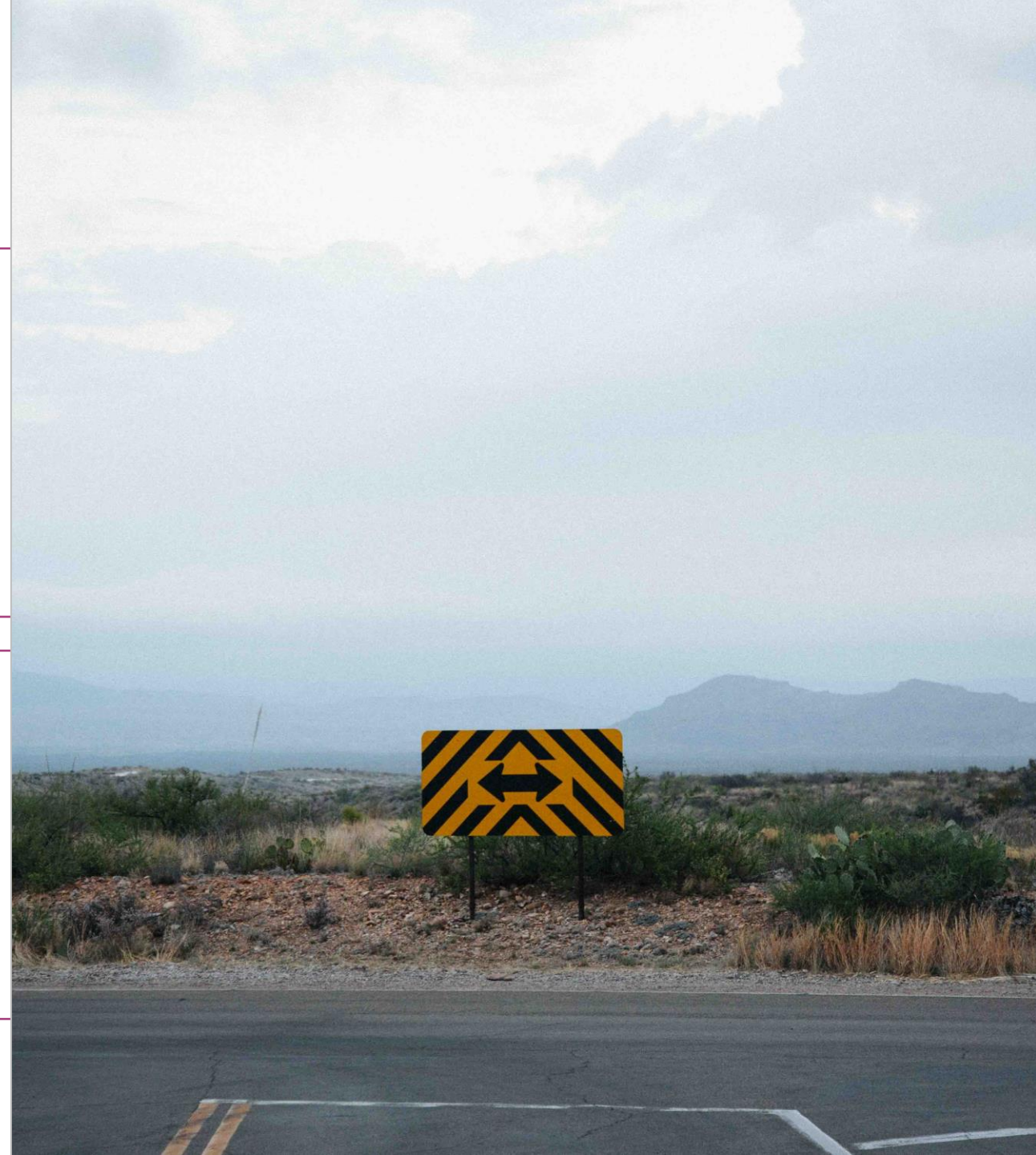
Highest ranking jobs dominated by men
lack of diversity especially in decision-making
Historic imbalance creates gender-based barriers

Ensuring gender diversity

benefits societies, economies, the environment and enterprises



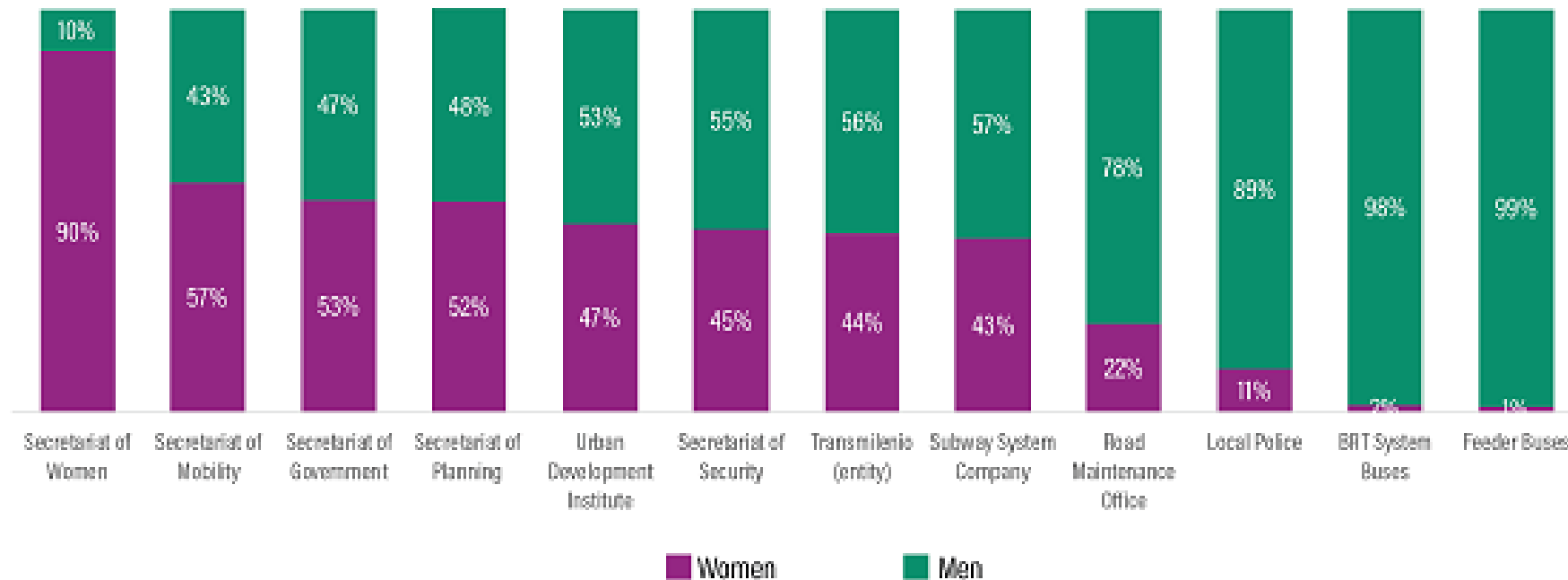
Addresses discrimination based on human rights and rights at work
Can benefit poverty reduction



Representation

Example: Bogotá

Gender in Mobility Institutions in Bogotá



Source: Las Mujeres y el transporte en Bogotá: las cuentas

 WORLD RESOURCES INSTITUTE



Gender data gap

Location and culture matter

Data collection and indicators in local projects

Grasping needs and measure impact

Broad range of data

Quantitative: travel time, income

Qualitative: use of time, reasons for mobility choices

Getting the timing right

Assess differences in peak travel times

Include in transport planning

Gender Data Gap

The example of Karlskoga, Sweden

- **Starting point:** snow removed from main roads first, before bike lanes and walkways
- **One size fits all?** On average, women cycle, walk and use public transport more while men use cars more. Passing snow is easiest by car.
- **City collected new data** confirming bias
- **Change of schedule:** walkways and public transit routes first
- **Lower costs:** traffic related injuries cost more than road maintenance. Injuries from traffic accidents especially prevalent among pedestrians and women
- **Road safety:** In Stockholm, a similar process cut number of injuries in half



2.3.

Policy Context

“Gender equality is a right. Fulfilling this right is the best chance we have in meeting some of the most pressing challenges of our time.” (UN Women)

Gender matters in climate action

Vulnerability through inequalities



Women are often responsible for sectors most sensitive to climate change

Women make up the majority of the world's poor and commonly face higher risks and greater burdens from the impacts of climate change in situations of poverty

Under-representation



Women face unequal representation in decision-making processes and labor markets

Restricting contributions to climate-related planning, policy-making and implementation

Disadvantages in accessing climate-related services

Unused knowledge and leadership



Women are agents of change and possess unique knowledge and capabilities

Integrated into climate policy, this would increase the likelihood for effectiveness

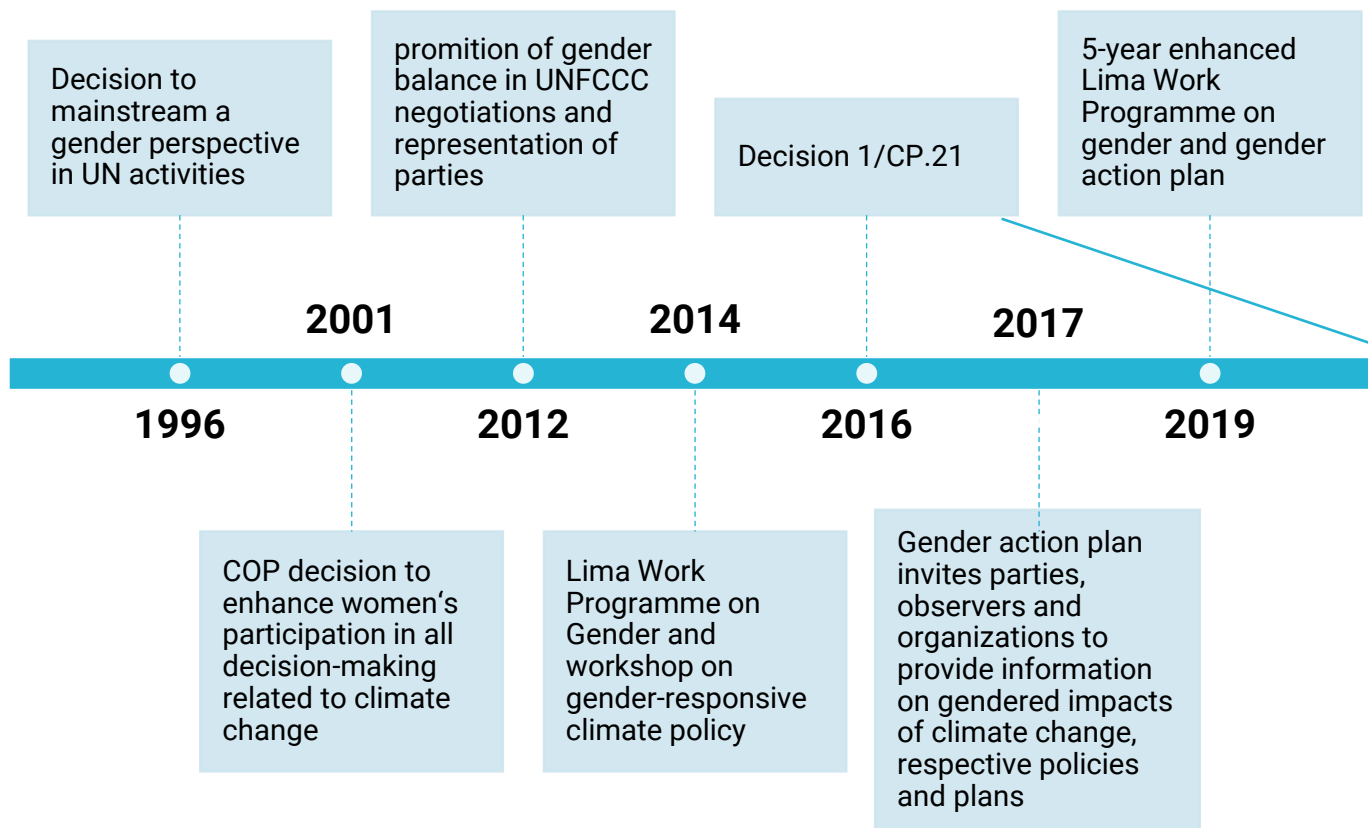


International commitments demand attention to gender



- **UNFCCC Paris Agreement** formally recognizes the intersection between climate change and gender equality
- **Enhanced Lima Work Programme** reinforced the commitment to a gender-responsive approach with the first **Gender Action Plan** under UNFCCC
- **2030 Agenda for Sustainable Development** requires gender equality and empowerment of women and girls across all SDGs
- **Quinto New Urban Agenda** recognizes „the crucial aspect of women’s rights in the urban development agenda“ in road safety, walkability, cycling and access to the city

Gender and the Paris Agreement



"Parties should when taking action to address climate change, respect, promote and consider their respective obligations on human rights, the right to health, the rights of indigenous peoples, local communities, migrants, children, persons with disabilities and people in vulnerable situations and the right to development, as well as gender equality, empowerment of women and intergenerational equity".

Gender and the Paris Agreement

Growing alignment with the international standard to implement gender-responsive Nationally Determined Contributions (NDCs)

- 78% of NDCs include at least one mention of gender – up from 40% of INDCs in 2016
- Regional leaders: Latin America and the Caribbean, and Sub-Saharan Africa, with 100% and 94%
- NDCs without a mention of gender, on average, have **three times higher share of GHG emissions** than those NDCs that do include gender

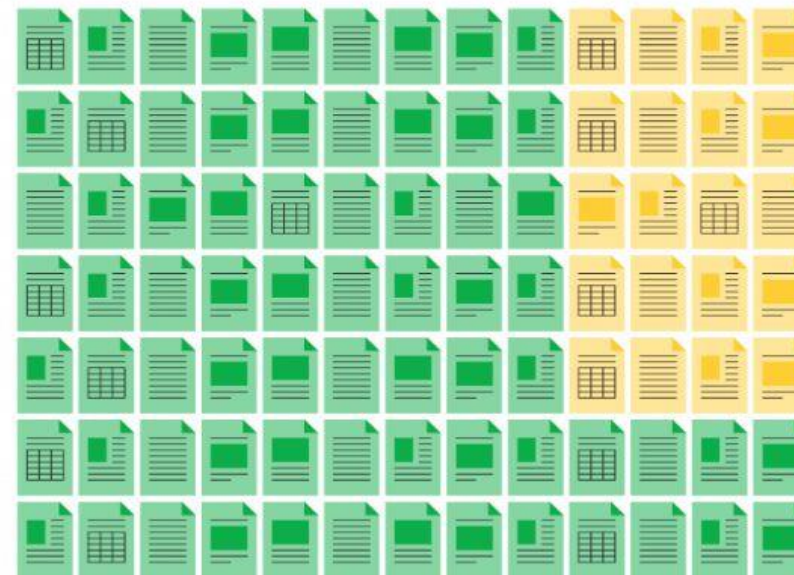
PERCENTAGE OF NDCs THAT INCLUDE GENDER AND/OR WOMEN MENTIONS

78%

69
NDCs



Include gender



22%

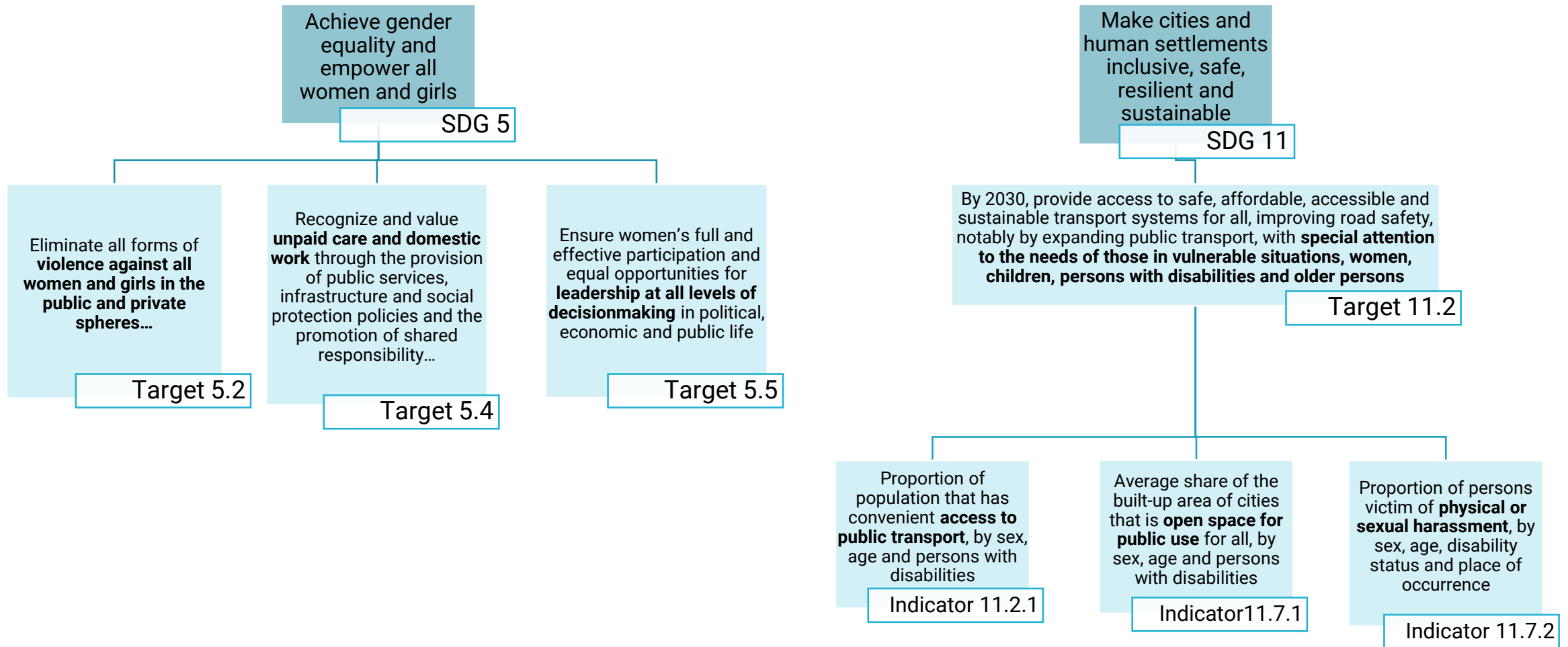
20
NDCs



Do not include
gender

© Estudio Relativo
for IUCN

Gender and mobility in Agenda 2030





[W]hile we can link many drivers of gender inequality to the built environment, we can also understand the built environment, and urban planning and design, as key opportunities to promote equity.

Conclusion

- Adequate data
- Equal access to opportunities
- Various global agreements
- Numerous rights and commitments
- Potential for efficiency and funding

Learn how to take action with our training

[Integrating gender perspectives into](#)

[SUMP and NUMP](#)

3

Questions, Feedback and Farewell



Q&A

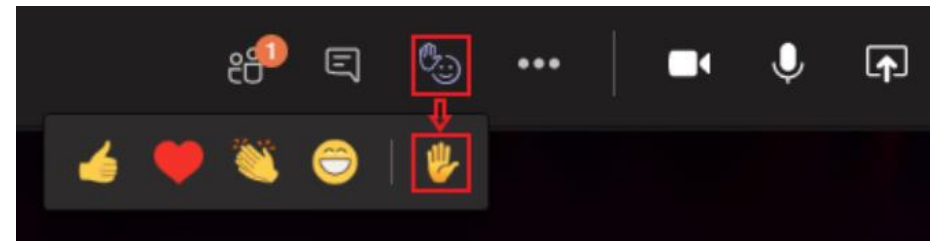
Chat

- Post your questions in the chat and we will include them in the Q&A



Speak

- Select “Show reactions” in the meeting controls, and then choose “Raise your hand”. Everyone in the meeting will see that you've got your hand up.



Stay tuned with MobiliseYourCity updates

- ✓ Learn
- ✓ Exchange
- ✓ Connect



Eager for more? subscribe to the MobiliseYourCity newsletter to stay updated with the latest information on our upcoming Mastering Mobility Sessions!

[Register here](#) or scan the QR Code



Missed previous past sessions? The recordings are available on their Knowledge Platform!

Visit [Knowledge Platform here](#) or scan the QR Code



Thank you for your attention

Keep in touch



Subscribe to our newsletter here



Mobiliseyourcity.net



contact@mobiliseyourcity.net



[@MobiliseCity](https://twitter.com/MobiliseCity)



[MobiliseYourCity](https://www.facebook.com/MobiliseYourCity)



[MobiliseYourCity](https://www.linkedin.com/company/MobiliseYourCity)