



WEBINAR

# WOMEN EMPLOYED IN TRANSPORT

## Diamond Fairness and Inclusiveness Maturity Model

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#FairTransportEmployment  
#DiamondH2020  
[www.diamond-project.eu](http://www.diamond-project.eu)



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 824326.

## And what is next:

We'd like to involve you in contributing and revising towards a white paper on fairness and inclusiveness for Women in transport

# The DIAMOND Project

## Validation in four specific public and private transport sector scenarios



### 1. Railways and public multimodal transport

Research study on stations safety, accessibility and capacity to address basic mobility needs from a gender perspective. Validation of the self-diagnose and DSS tool for infrastructure and transport service planning.



### 2. Autonomous vehicles

Analysis of the comfort and perception of safety of automated vehicles to adapt the design and functionality of AV.



### 3. Vehicle (bike) sharing

Evidence of needs and requirements in the planning of vehicle sharing services addressing gender. Validation and diagnosis of DIAMOND's Decision Support System for vehicles points and fleet distribution and location planning.



### 4. Corporate social responsibility and employment

Research on women's participation in the transport and logistics sectors crossed with concrete job positions and new opportunities to translate this understanding into concrete better gender-oriented job descriptions and use of adapted candidate search processes.

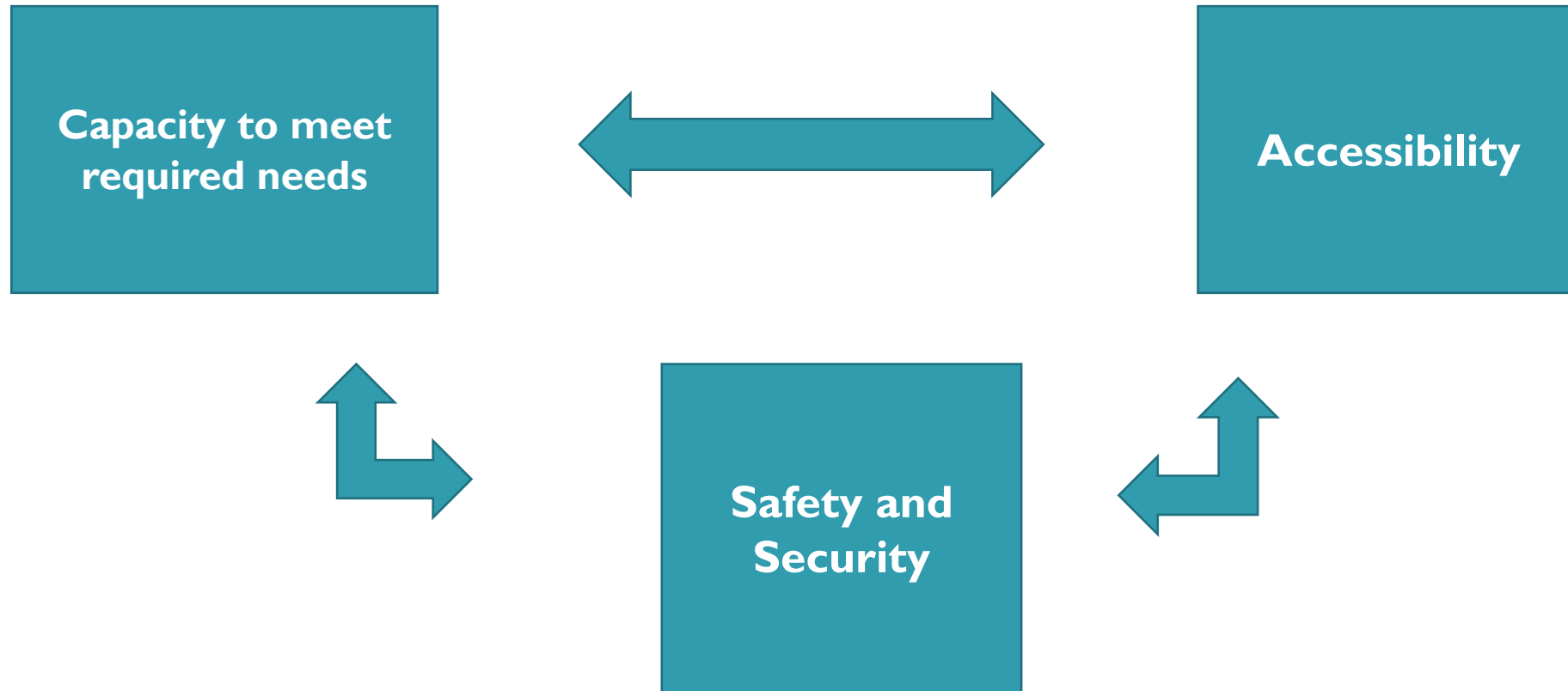
Funded under H2020-EU.3.4 'Societal Challenges - Smart, Green And Integrated Transport';  
MG-4-3-2018 'Demographic change and participation of women in transport';

**GOAL:** turning big and small data from different sources into actionable knowledge for addressing gender-specific needs in current and future transport systems;

**CONSORTIUM:** 14 partners based in 7 European Countries.

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### Three main overarching high level themes



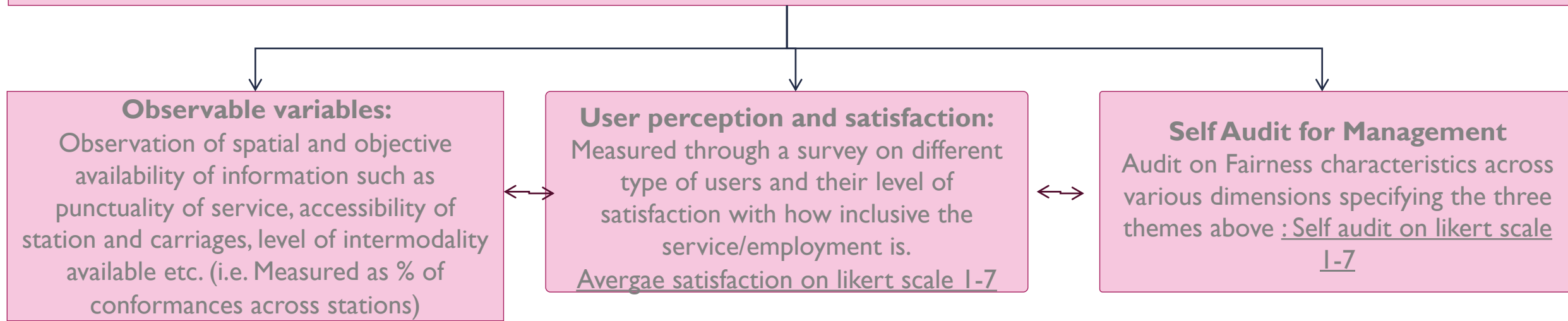
# Fairness Maturity Model

Fairness Maturity model declined according to three main themes:

**Capacity to meet required needs** (ability to travel in an appropriately designed transport system; meeting basic expectations and being environmentally sound, );

**Accessible** (ability to access activities and services that people have reason to value; accessible to all groups also in terms of design and comfort provided, e.g. those with children, and in terms of fares and costs for those with lower income, including distribution of costs and benefits);

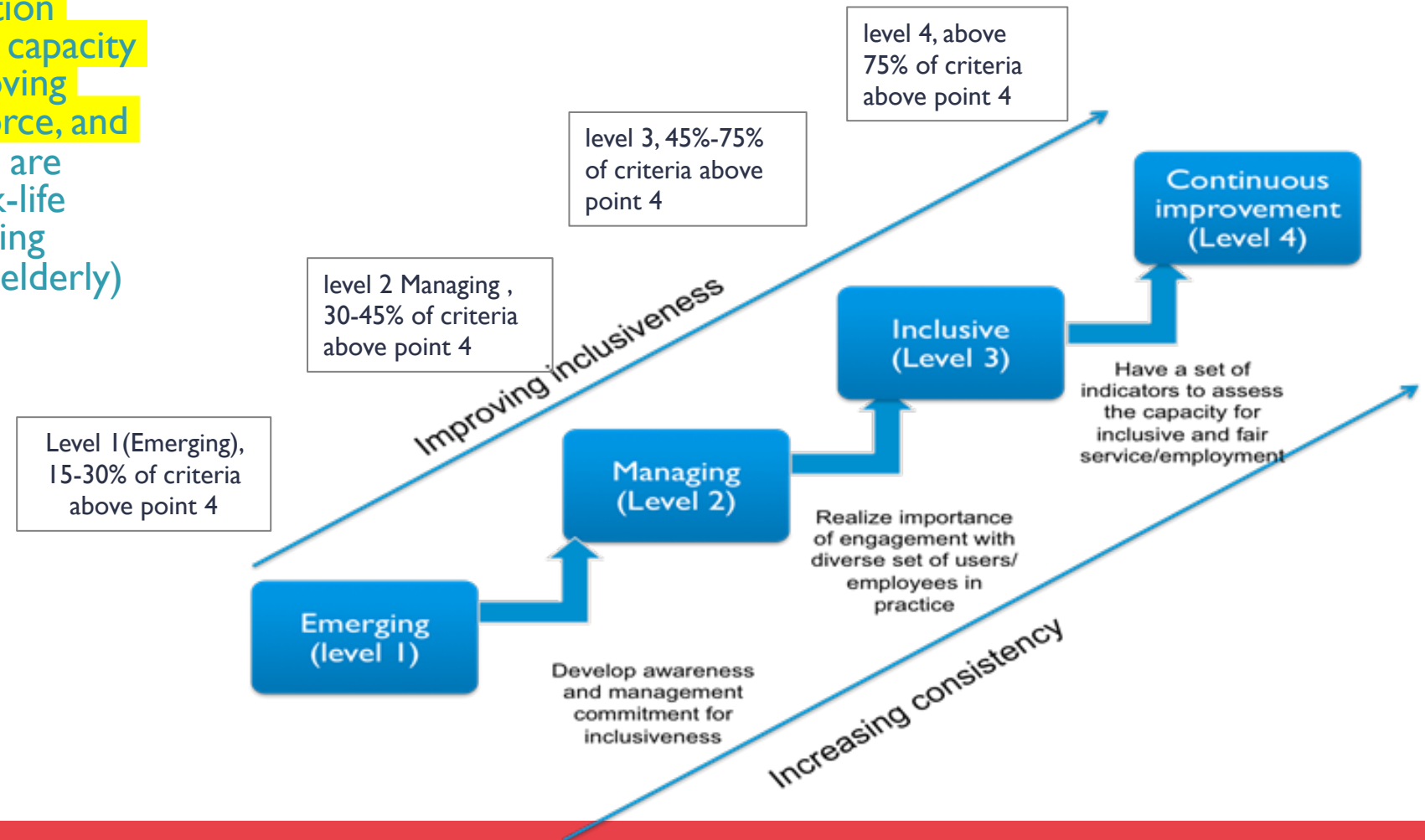
**Safe and Secure** (ability to travel safely and securely for all type of users (e.g. income, ethnicity, age, those with children etc.)



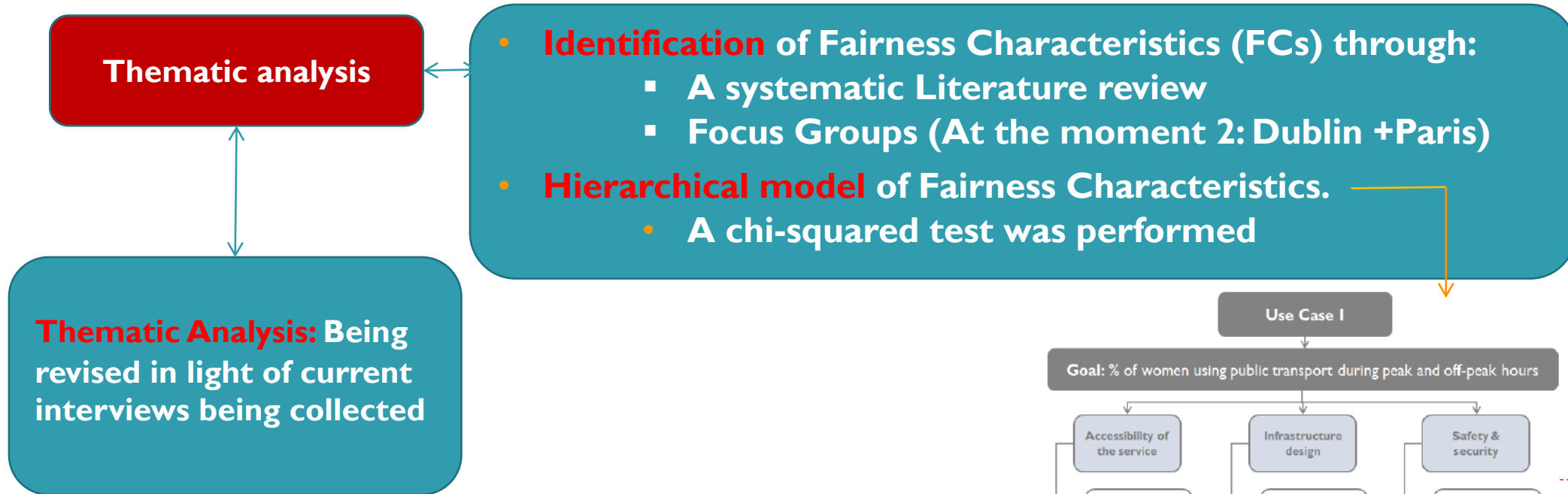
Based on Cooper M.D. (2000) Towards a model of Safety Culture, Safety Science 36, 111±136

# Diamond Fairness and Inclusiveness Maturity Model

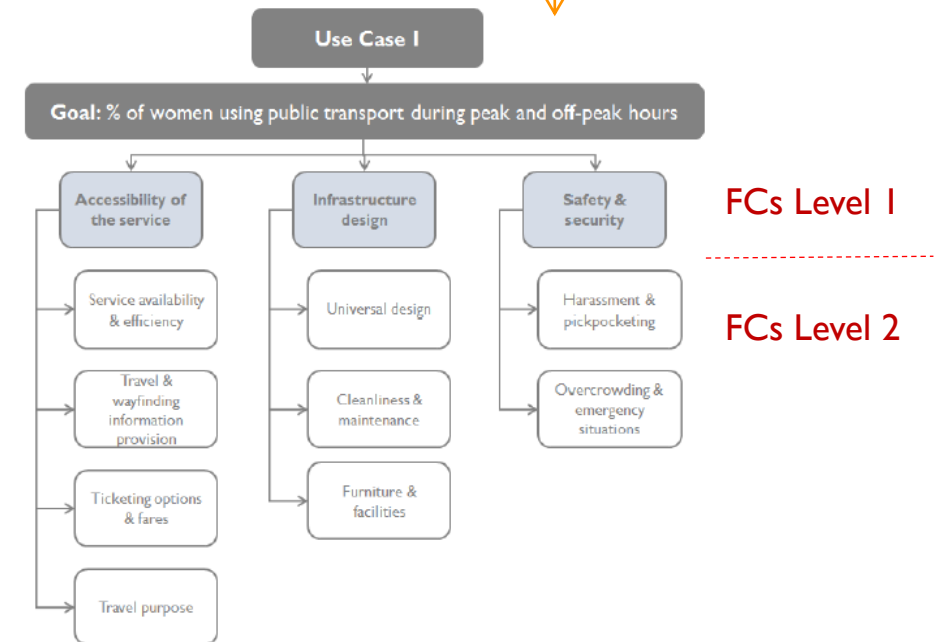
The key characteristics identifying different levels of organizational culture for inclusiveness and capacity for evolution within it. For example: an increasing capacity of organisational responses to improving hiring and retaining a diverse workforce, and provide employment conditions that are inclusive also towards different work-life balance needs (Such as managing caring responsibility for your family and or elderly) (Deliverable 4.2 Diamond)



# Methodology to achieve these Goals



García-jiménez, et al.(2020). *Methodology for Gender Analysis in Transport: Factors with Influence in Women 's Inclusion as Professionals and Users of Transport Infrastructures*. 12, 3656.  
<https://doi.org/10.3390/su12093656>

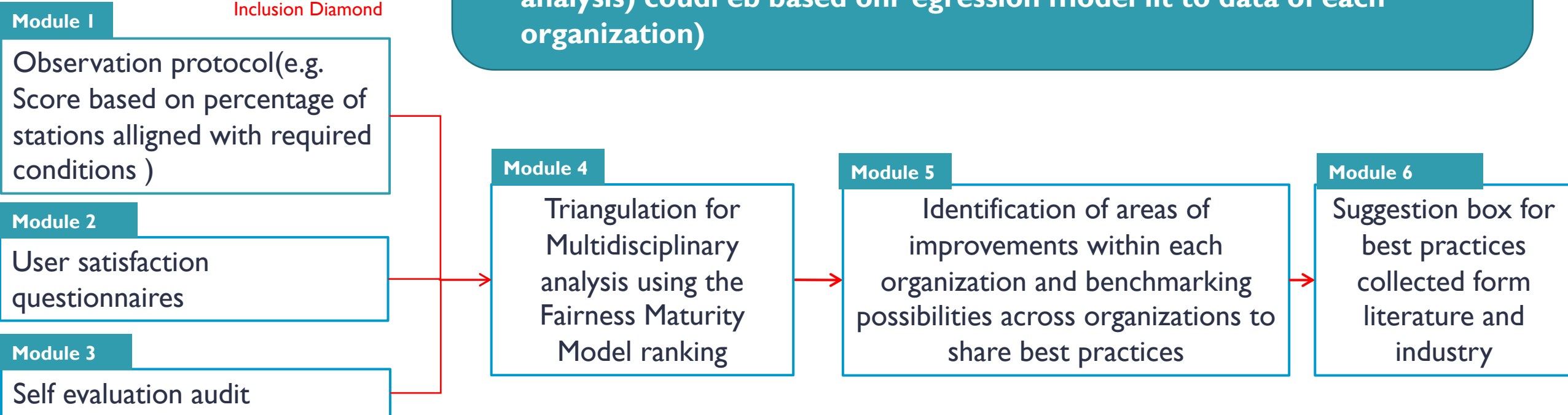


# Methodology to achieve these Goals part I

**Actionable knowledge  
for the Toolbox from  
WP3 and WP4**

Per each vertex of the  
Inclusion Diamond

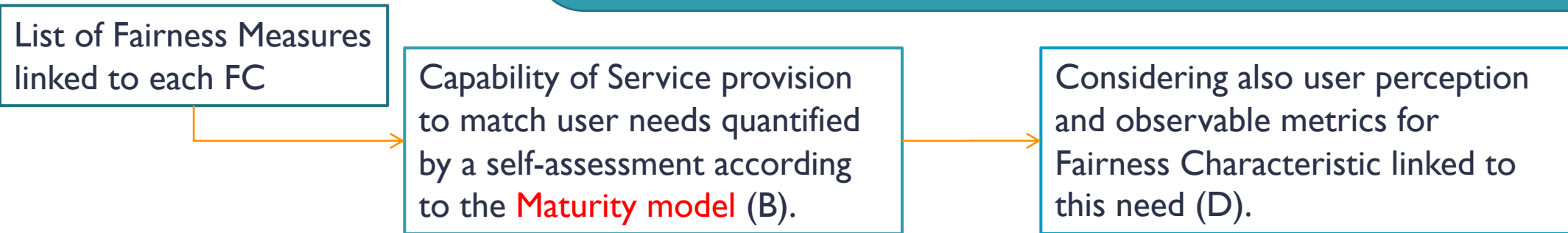
1. Self-diagnosis module based on suites of observations protocols, satisfaction questionnaire and Self audit tools (Maturity Model ranking)
2. Decision support system based on results obtained from above
3. Prediction of improvement of perceived Fairness ((based on regression analysis) could be based on regression model fit to data of each organization)



# Methodology to achieve these Goals: option I

Interdisciplinary  
analysis and Fairness  
assessment

- **Identification of Fairness Measures** for critical Fairness Characteristics.
- **Fairness assessment** model:
- **Maturity assessment model** for service provision.
- **Scoring on the basis of the data collected.**



	Self evaluation	From UESI	Anchor point from observations/ data	
Capacity to provide for required needs	5	4	4	Weighted average with anchor point having the highest weight
Accessibility	6	6	5	
Safety and security	4	4	4	
				Report scores in each categories highlighted discrepancies

AREA	Poor (1-2)	Medium (3-4)	Good (5-7)
<b>CAPACITY TO MEET REQUIRED NEEDS</b> Promotion, training, and development opportunities	There is no training specifically targeted at women	An awareness of training requirements not yet fully met	Equal access for all employees to training and development opportunities regardless of gender, age, ability etc.
<b>ACCESSIBILITY</b> Recruitment of women	No specific focus on gender in recruitment policies	HR policies encourage gender balance in some roles but not all	Gender Neutral recruitment policies are in place for all roles
<b>SAFETY AND SECURITY:</b> HR Policies gender awareness and anti-bullying	There are no formal internal processes to allow employees to report concerns	The processes in place to report safety concerns are done in an adhoc way with no formal structure	Open and accessible processes in place for reporting safety/security issues by employees

AREA	Poor (1-2)	Medium (3-4)	Good (5-7)
SAFETY AND SECURITY: Personal Protection Equipment suitable for women	All workwear and uniforms are of universal design – for men and women	Some workwear and PPE is of a universal design with some gender specific PPE available	Suitable and appropriate PPE for all sexes is provided to all employees Workwear and uniforms are designed to suit women
		<b>Raw Score 9-63</b>	
		<b>Divide by 9</b>	



# Thank you!

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