

Accessibility notes

Basic Concepts



Accessibility Chair of UPC
Architecture, design and technology for all

Dr. Daniel Guasch Murillo

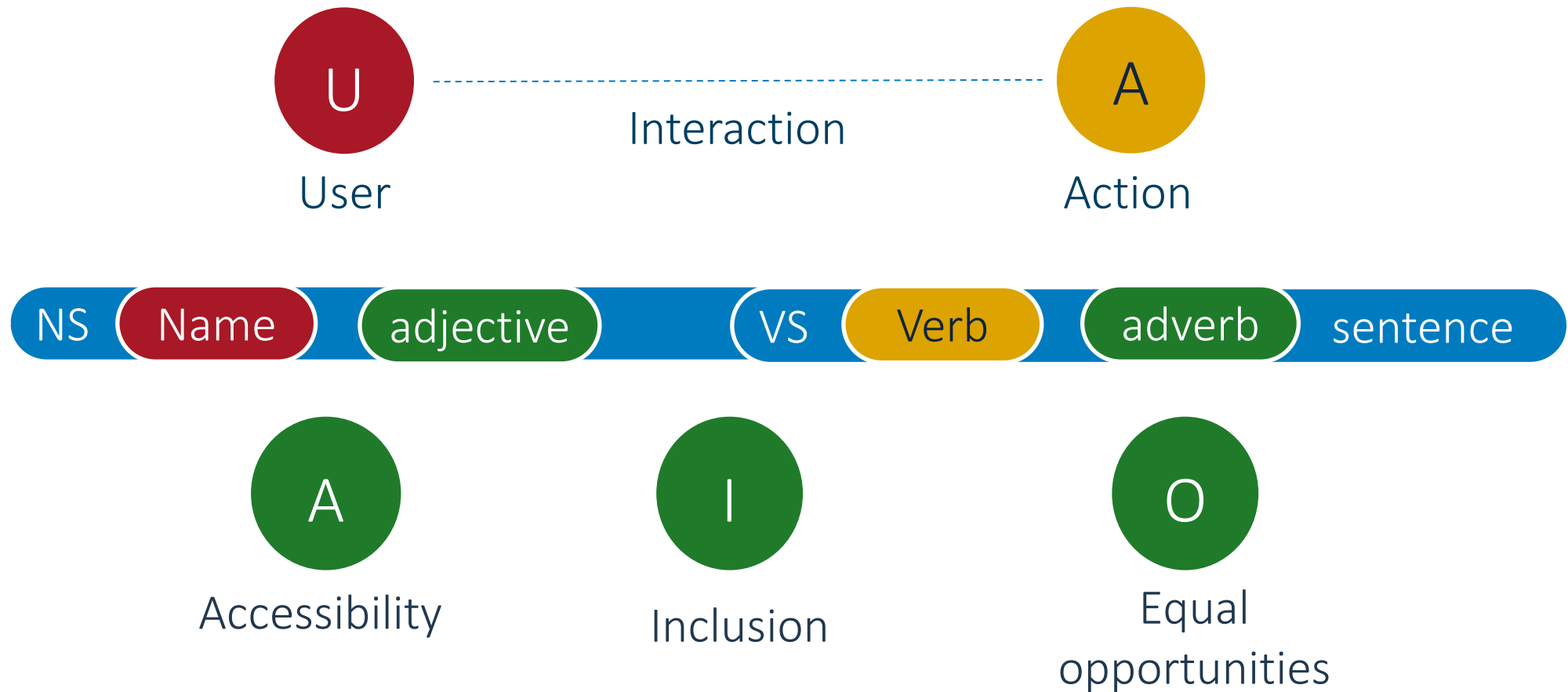
December 2022



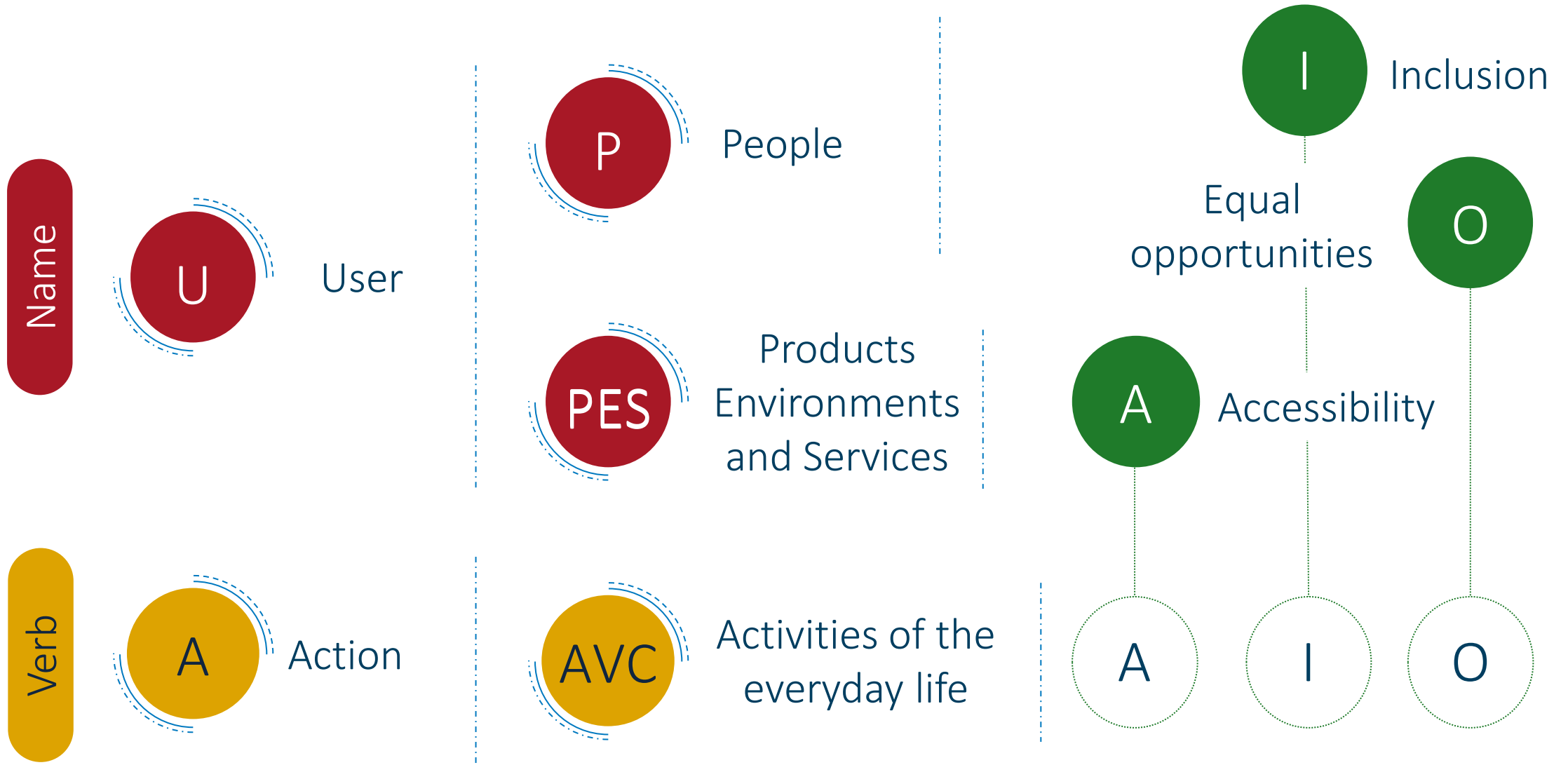
Concepts

How to start

Grammatical Analogy



How to start



Accessibility

Definition of Accessibility



Accessibility

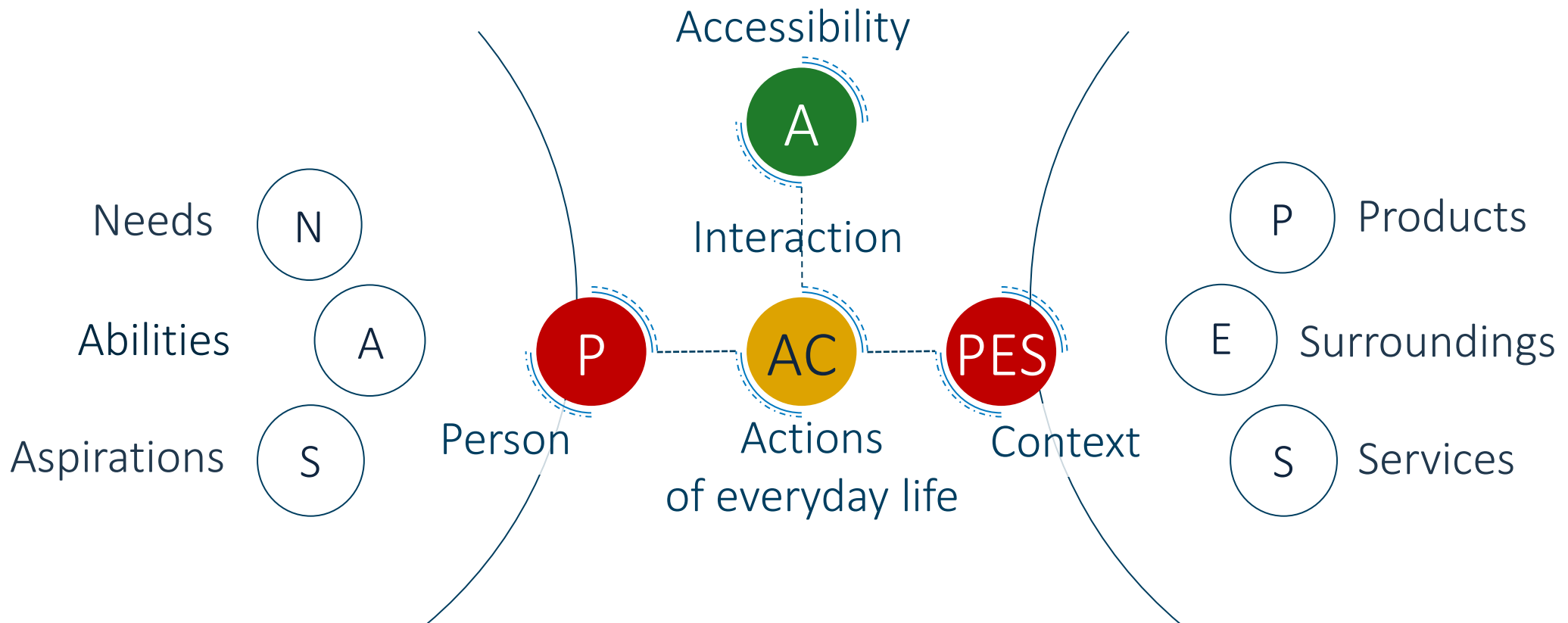


Universal

It is the set of characteristics of an environment, product or service to be understandable and usable by all people in safety and comfort in the most natural and independently manner.

Accessibility

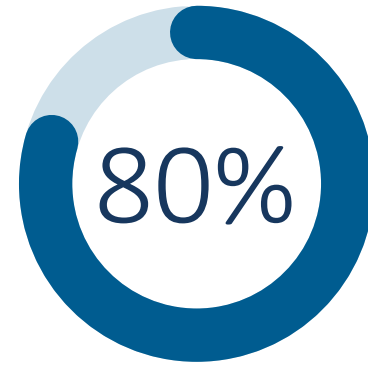
Priority must be given to products, environments and services




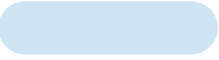
Accessibility, approximation 20 / 80



Effort



Impact

-  For all people, Universal Design.
-  For each disability, support products.

Barriers to accessibility



Communication



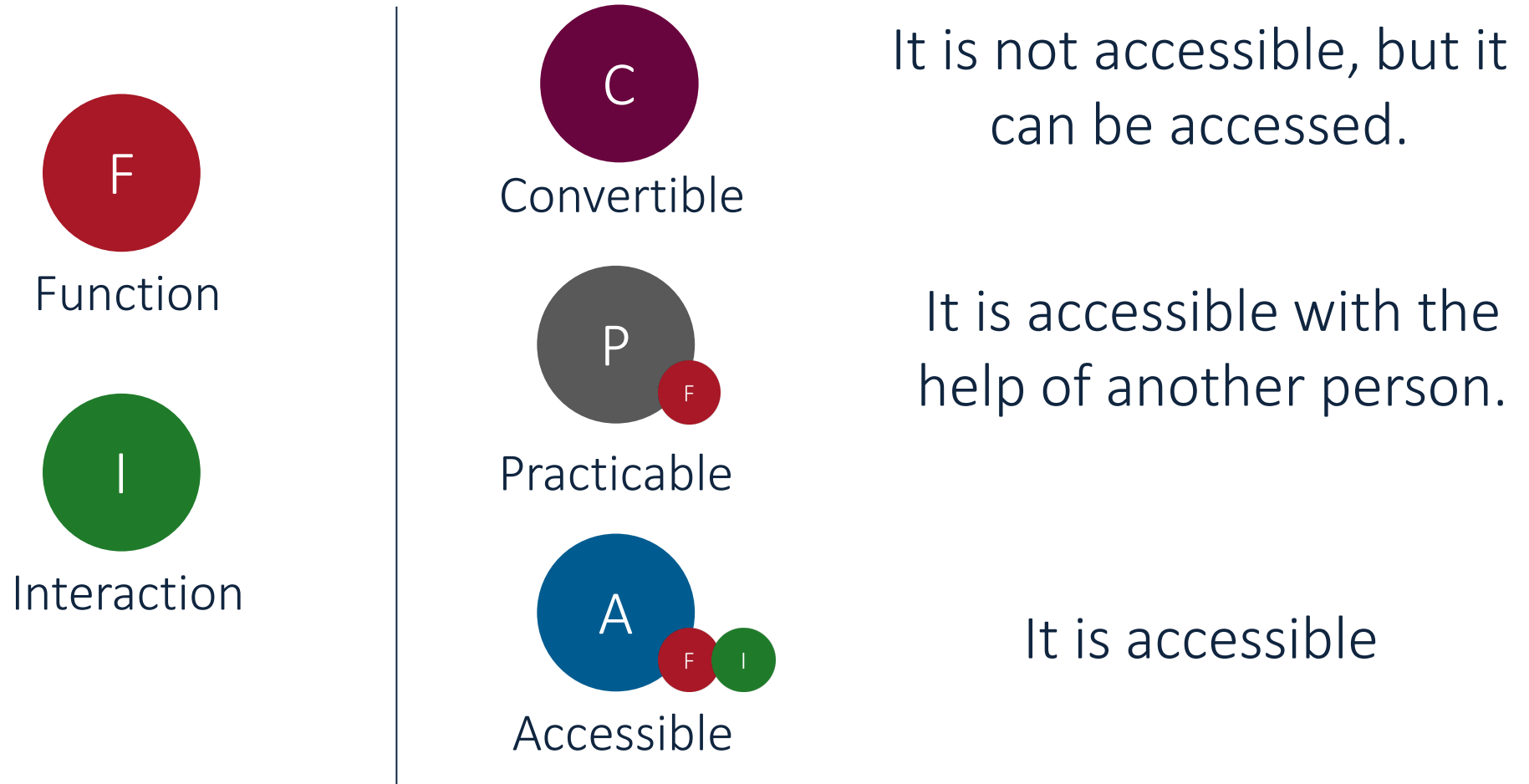
Attitude



Architectural

Barriers to accessibility are a impediment, hindrance or obstacles to the interaction of people with the physical environment, transportation, products, services, information and communications.

Levels of achievement



Definitions



Interactive space

Interactive space

The interactive space is the area that allows anyone, regardless of their abilities, to act with each element, facilities or equipment referred to.

Definitions

Itinerary of pedestrians



Location



Usage

The space that allows a continuous route between the spaces of interaction.

Definitions



Auditory



Visual

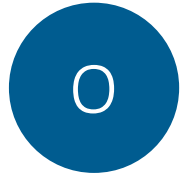


Tactile

Communication

Communication is the process in which information is exchanged between a sender and a receiver.

Definitions



Oral language



Sign language



Sign languages supported by hands or distance.

Language

Human faculty to communicate their own thoughts or feelings to a receiver or speaker through a system or specific code of auditory and vocal signs.

Definitions

Positive action measures



Positive
action measures

The positive measures are the specific supports aimed to prevent or compensate the disadvantages or special difficulties that disabled people have for their full and effective participation in society, on an equal basis as other people, and their inclusion in all spheres of their political, economic, educational, cultural and social life.

Definitions



Reasonable
adjustments

Reasonable adjustments

They are the measures of adequacy - physical, technological, methodological, social, attitudinal, etc. that, in an effective and practical way, without having a disproportionate burden, facilitate the accessibility and inclusion of a person with a disability on equal rights, duties and opportunities that the rest of the citizens.

Definitions

Proportionality

It is the quality of a measure of accessibility improvement according to which costs or charges that it implies are justified, according to the following criteria:



Proportionality

1. The discriminatory effects that would entail for people with disabilities that the measure was not carried out.
2. The characteristics of the person, the entity or the organization that must carry out the measure.
3. The possibility of obtaining public financing or other grants.

Definitions



Accessibility
Plan

Accessibility Plan

The accessibility plan is the instrument that identifies and plans the actions to be carried out because the scope of the plan are achieved accessibility conditions established by this law and the corresponding rules or regulations deployment.

Application areas

Activities defined in the CIF

- P. and substances for personal consumption (e110)
- Personal use in daily life (e115)
- Personal mobility and transportation in indoor and outdoor environments (120)
- Communication (125)
- Education (130)
- Work(135)
- Culture, recreation and sport (140)
- Practice of religion and spirituality (145)
- Architecture, design and construction for public use (150)
- Architecture, design and construction for private use (155)
- Use / exploitation of the sun (160)
- Belongings (165)
- Other specified (198)
- Not specified (199)





UNIVERSITAT POLITÈCNICA
DE CATALUNYA
BARCELONATECH



Accessibility Chair of UPC

Architecture, design and technology for all

Campus de Vilanova i la Geltrú

Escola Politècnica Superior d'Enginyeria de Vilanova i la Geltrú

Edifici A, despatx VGA158

Avda. Víctor Balaguer, 1

08800 Vilanova i la Geltrú

accessibilitat@upc.edu



This work is licensed under a Creative Commons Attribution-NonCommercial 4.0 International (CC BY-NC 4.0)