Horizon 2020 - Smart Cities and Communities

FreeMove

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FreeMove: Overview

IC² IC_Cartotechnology

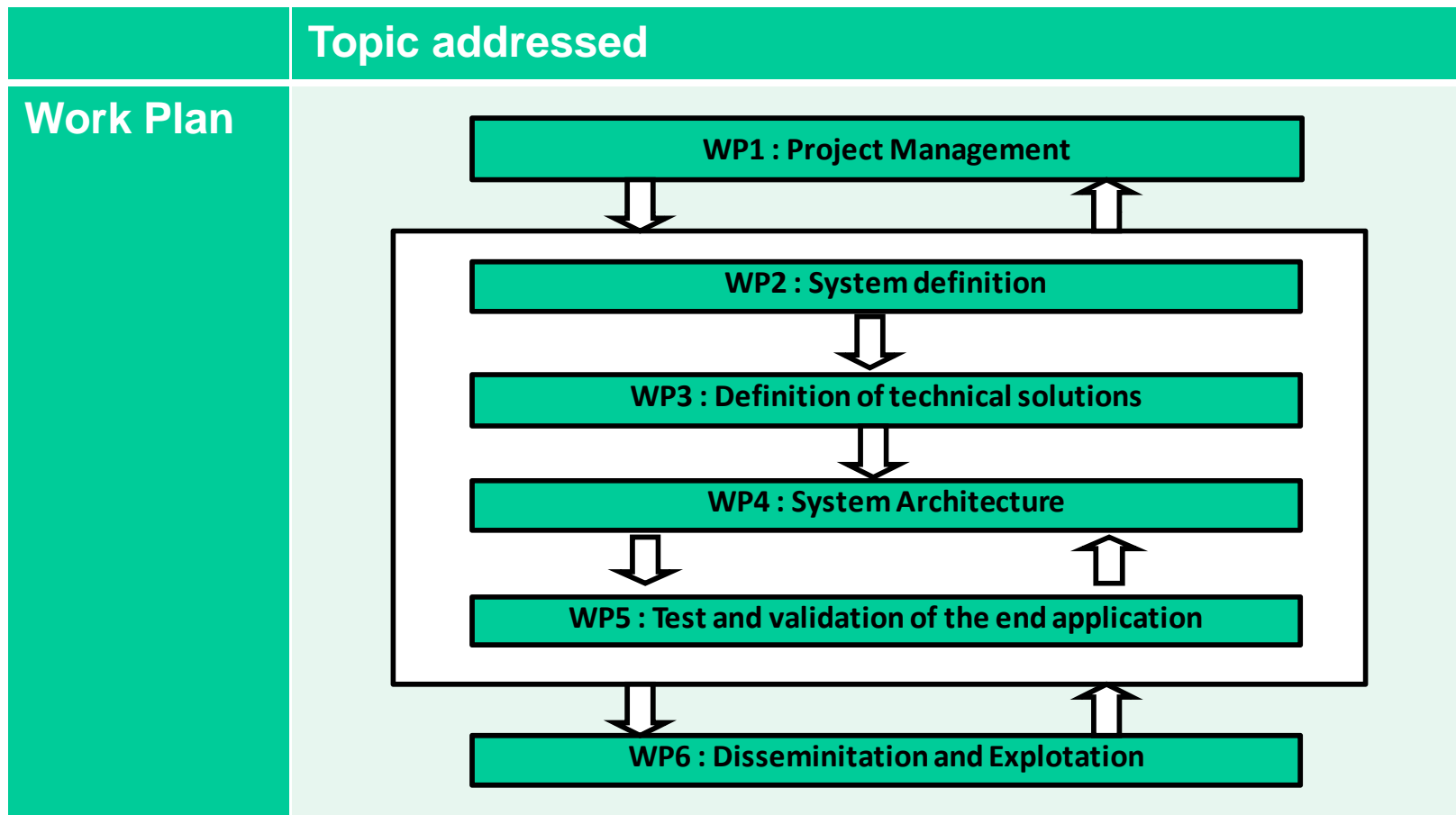| Topic addressed	
Title	**Free Movement of disabled people in urban area and public transport**.
Description	Innovative application that increase the autonomous movement of disabled people. Will guide disabled people from a point of origin to a destination using public transport database and movement / position sensors available in standard mid-range Smartphones for street guiding. Flexible and adjustable, FreeMove aims to be a reference application related to mobility for the disabled people segment in Europe.
Partners	• IC2Team / Spain • EDF (European Disability Forum) / Belgium • ANED (Academic Network of European Disability experts) / UK • Grappetite / Netherland • Municipality of Rotterdam / Netherland
Followers	•Municipalities of Berlin and Athens

FreeMove: Partners / Followers

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FreeMove: Objectives

	Topic addressed
General	• Increase the autonomous movement of disabled people in European cities.
Specific	• 70% of good acceptation by the end-users testers in terms of reliability and effective manipulation of the application. • 5 meter accuracy of the application, 90% of time. • Reduce by 50% assisted transport for disabled people.

FreeMove: Workplan (I)

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Topic addressed
Work Plan

WP1 : Project Management

WP2 : System definition

WP3 : Definition of technical solutions

WP4 : System Architecture

WP5 : Test and validation of the end application

WP6 : Disseminition and Explotation

FreeMove: Workplan (II)

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Topic addressed	Time table

Work Packages	WP	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
		Year 1												Year 2											
Project Management	1	d1.1							m1.2							m1.3									m1.4
System definition	2								d2.1																
Definition of technical solutions	3										d3.1	d3.2													
System Architecture	4													d4.1				d4.2							
Test and validation of the end application	5																							d5.1	
Disseminitation and Explotation	6		d6.1	d6.2									d6.4												m6.3

FreeMove: CB

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	Topic addressed		
Impacts	**End-User**	**Public Transport**	**Global Economy**
	Personalized Info	+ passengers	+ Innovation
	Save time	Saving as 3rd Parties Developp apps	Generation of Skilled Empolyment
	Save money	Better use of Network capacity	New business opportunties
	Friendly journey	Enhenced Image	
Financial	Project / direct cost: 111 person/month ≈ 370k€ Project / indirect cost: ≈ 90k€ Project / other costs: ≈ 40k€		