

# Horizon 2020 - Smart Cities and Communities

## WHEELS

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# WHEELS: Overview



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<b>Title</b>	Web for <b>H</b> elping path's <b>E</b> lection for <b>E</b> lderly and disabled people for <b>L</b> ocal <b>S</b> ervices (WHEELS)
<b>Description</b>	Multiplatform application to generate routes in urban areas paying special attention in avoiding architectural barriers for those people who have any kind of disability or need a wheelchair to move around the city.
<b>Consortium</b>	       

## WHEELS : Objectives



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<b>General</b>	<ul style="list-style-type: none"> <li>•Improve the mobility and comfort of People with Reduced Mobility.</li> <li>•Rise of self-esteem and quality of life of PRM</li> </ul>
<b>Specific</b>	<ul style="list-style-type: none"> <li>•Reduce in 30% the time needed for urban displacements.</li> <li>•Generate routes without architectural barriers.</li> <li>•Use of solar energy to charge wheelchair batteries.</li> <li>•Reactivate the local shops =&gt; PRM= Priority client.</li> <li>•Help the local government to eliminate architectural barriers.</li> </ul>

# WHEELS : Workplan



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### Timetable

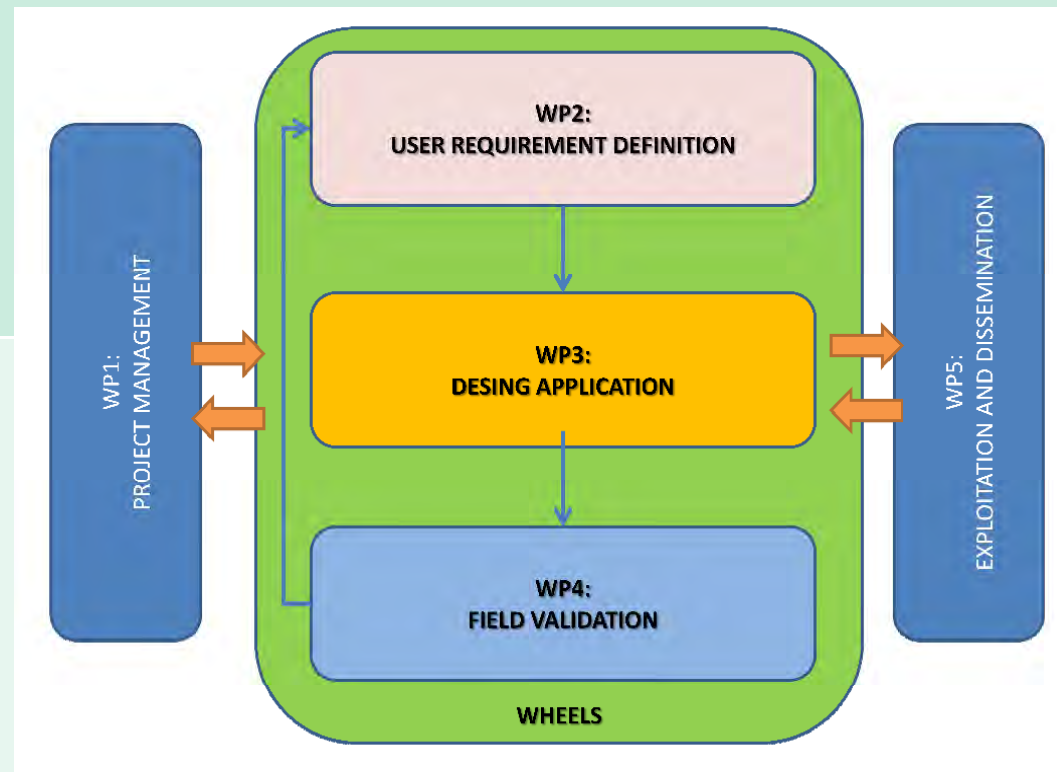
TASK	TIME																																			
	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	M13	M14	M15	M16	M17	M18	M19	M20	M21	M22	M23	M24	M25	M26	M27	M28	M29	M30	M31	M32	M33	M34	M35	M36
WP1 PROJECT MANAGEMENT	[Task duration: M1 to M36]																																			
WP2 USER REQUIREMENT DEFINITION	[Task duration: M3 to M6]												[Task duration: M13 to M16]																							
WP3 APPLICATION DESIGN							[Task duration: M6 to M18]																													
WP4 FIELD VALIDATION AND IMPROVING													[Task duration: M13 to M18]																							
WP5 EXPLOITATION AND DISSEMINATE	[Task duration: M1 to M36]																																			

# WHEELS : Workplan



## Horizon 2020 - Smart Cities and Communities

### Work Plan



## WHEELS : CB



	Horizon 2020 - Smart Cities and Communities
<b>Impacts</b>	Improve the quality of life of PRM Reactivation of local commerce Tourism adapted for PRM
<b>Financial</b>	During 3 years: 169 person/month Installation of 1175 solar panels Amount: 12 M€