

TSI2007-65677C02-01
(Octubre 2007)

GeoBuddies: Social Semantic Annotation With mobile devices in the “Camino de Santiago”

Project Coordinator: Asunción Gómez-Pérez, UPM

1 de Octubre 2007 - 30 Septiembre 2010

A pilgrim in St. James' Way (Camino de Santiago)

- Diverse routes for pilgrims (almost DIY)
- Self-emergent community of pilgrims
 - People that talk about their experiences during the way
 - People that join together in the joy of walking
 - Mobile users
- People want to
 - Find interesting locations
 - Find community services
 - Provide information



Join project UPM-USC

UPM



Asunción Gómez Pérez



Guadalupe Aguado de Cea



Óscar Corcho García



Inmaculada Álvarez de Mon



Rosario Plaza Arteché
(UPM)

Maria Pérez
(Data transfer and reliability)

Pilar Herrero
(Data transfer and reliability)

Ana Ibarrola
(Admon)



Angel López Cima
(Semantic Portal)



Raul García
(Benchmarking)



Mª Carmen Suárez de Figueroa
(Onto methodologies)

Miguel Esteban
(Semantic Grid)



Rafael González Cabero
(SWS)

2 Full professor
7 Associate Professors
2 Assistant Professors
4 PhD Students

USC



Manuel Lama Penín
(Service composition & execution)

Eduardo
(Collaborative filtering)

External Members



Mariano Fernández López
(CEU)



Antonio Pareja Lora
(UCM)

Expertise

Project Topics	UPM	USC	CEU	UCM
Ontologies	x	x	x	x
Social tagging	x	x		
Collaborative filtering		x		
Service composition and execution		x		
Data transfer and reliability	x			
Grid and Semantic Grid	x			

Project Goals

User-centered geomatic information and services, anywhere anytime, for pilgrims in the “Camino de Santiago”

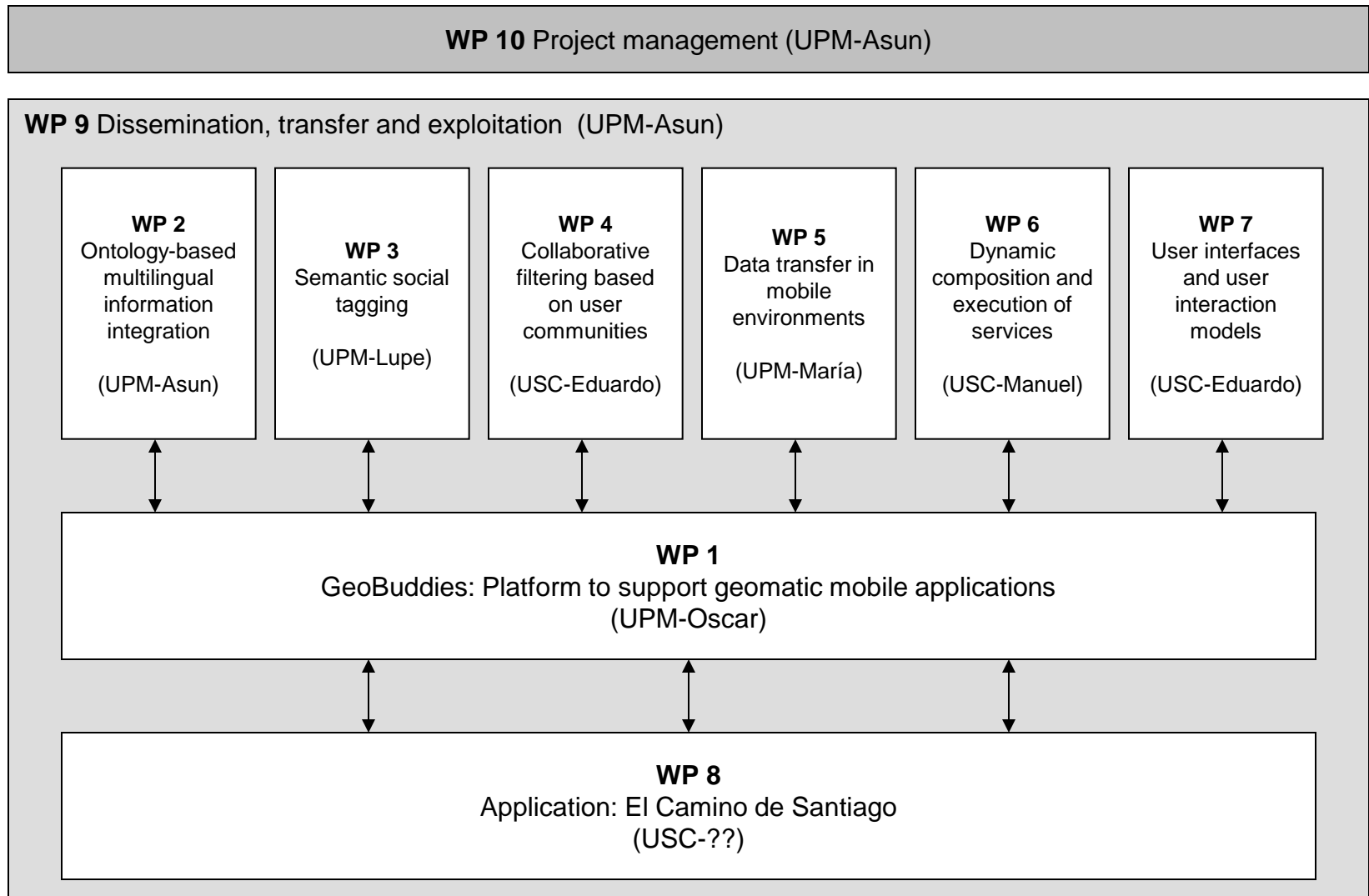
Main research topics

1. Ontology based integration information → Harmonize multilingual and heterogeneous geo-DB
2. Social tagging of resources and services → to derive user communities
3. Collaborative filtering → recommendations based on user communities
4. Service composition and execution → creation and use of added-value services based on the user's context
5. Data transfer and reliability in mobile environments → relevant data is always available to services and mobile devices

Main outcomes:

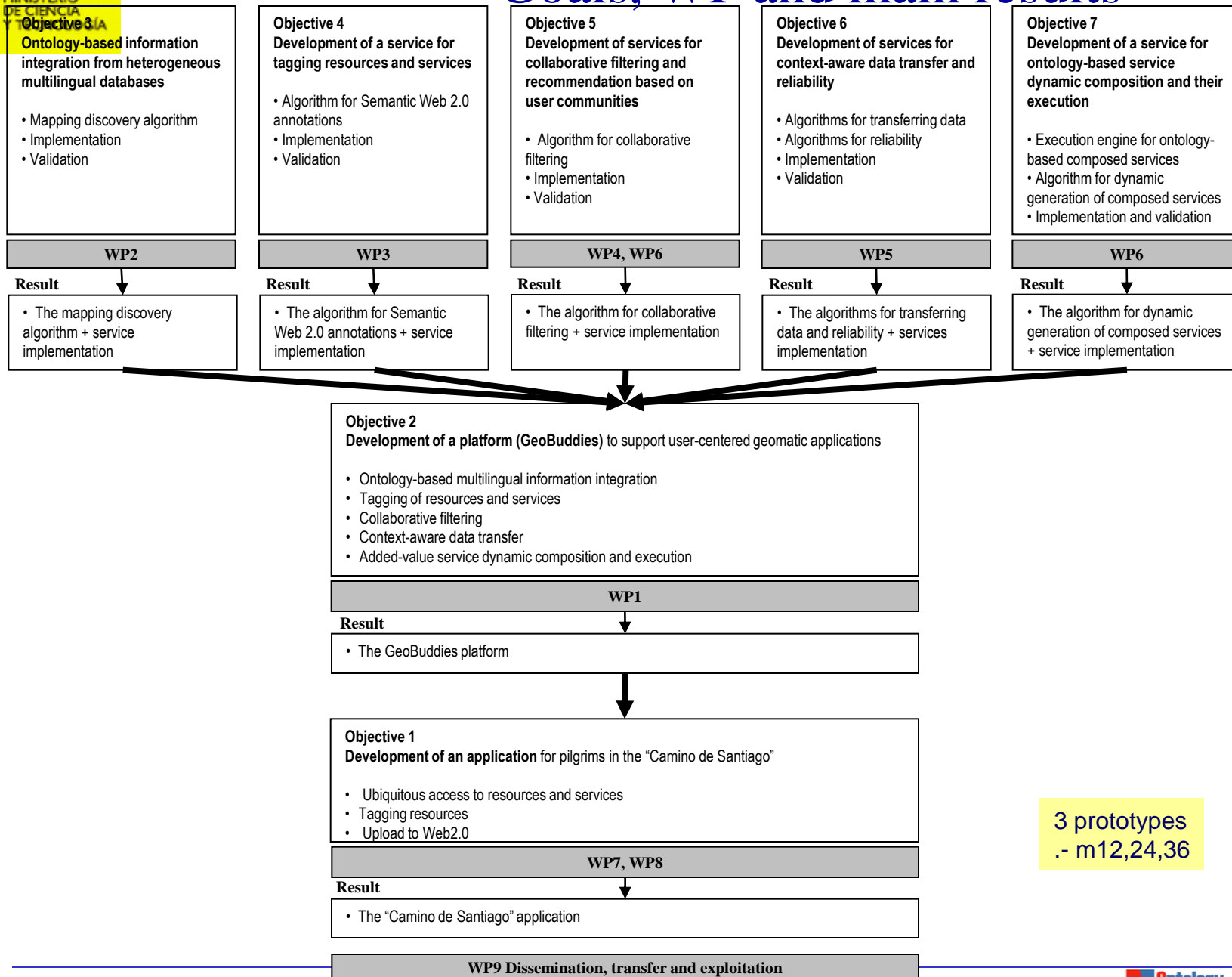
1. **Geobuddies Platform (WP1)**
2. **Development of an application for pilgrims in the “Camino de Santiago” (WP8)**
3. **A set of services**
 1. **Ontology-based information integration from heterogeneous multilingual databases (WP2)**
 2. **Social tagging of resources and services (WP3)**
 3. **Collaborative filtering and recommendation based on user communities (WP4)**
 4. **Context-aware data transfer and reliability for mobile environments (WP5)**
 5. **for ontology-based service dynamic composition and their execution (wp6)**
 6. **Xxxxx (WP7)**

WP structure and responsible person





Goals, WP and main results



3 prototypes
.- m12,24,36

Milestones

Month	Milestones
0	Kick off meeting
6	Specification of the application functionalities Identification of potential technologies Specification of the GeoBuddies platform requirements
12	First prototype: implementation with existing technology
24	Second prototype: implementation including research results
32	Third prototype: implementation including real data and refined research results
36	Final validation and exploitation

Management Structure

Project Coordinator: Asunción Gómez-Pérez

Proyecto UPM: Oscar Corcho

Proyecto USC: Manuel Lama

WP Leaders

- WP1 (Plataforma): Oscar Corcho
- WP2 (Integración información multilingüe): Asun
- WP3 (Etiquetado social): Lupe
- WP4 (Comunidades): Eduardo
- WP5 (Transferencia de Datos): María
- WP6 Composición Servicios: Manuel
- WP7 (nuevas interfaces): Eduardo
- WP8 (Aplicación): Manuel
- WP9 (Diseminación, transfer, Exploitation): Asun
- WP10 (Management): Asun, Ana

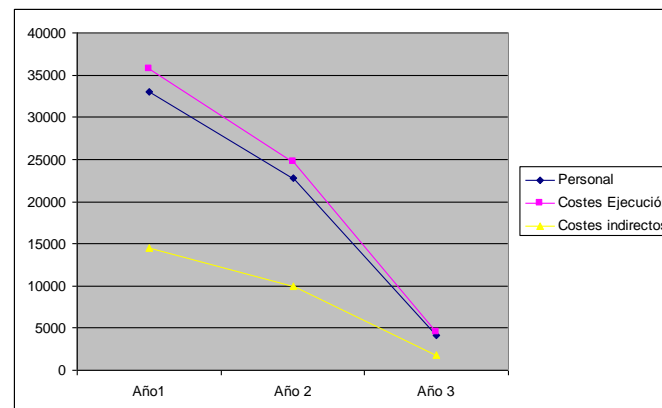
Management Tasks

- Gestión Operativa
- Gestión Técnica
- Gestión Financiera (Ana Ibarrola)
- Gestión legal y de conocimientos

- Reportes anuales
 - Asun, Oscar
 - Manuel

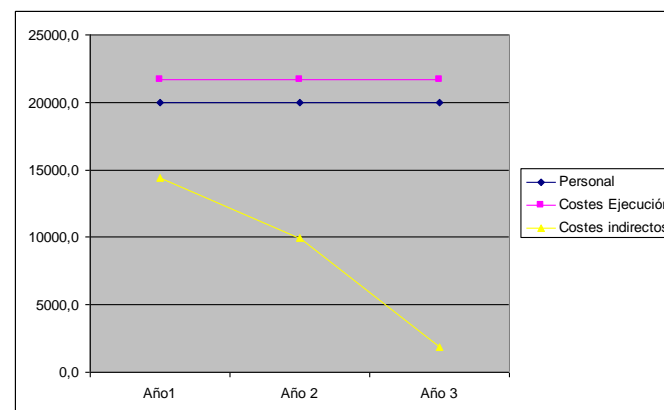
Distribución Presupuesto UPM del MEC

	Año1	Año 2	Año 3	Total
Personal	33000	22800	4200	60000
Costes Ejecución	35750	24700	4550	65000
Costes indirectos	14437,5	9975	1837,5	26250
Total	83187,5	57475	10587,5	151250



Distribución presupuesto UPM

	Año1	Año 2	Año 3	Total
Personal	20000,0	20000,0	20000,0	60000,0
Costes Ejecución	21666,7	21666,7	21666,7	65000,0
Costes indirectos	14437,5	9975,0	1837,5	26250,0
Total	56104,2	51641,7	43504,2	151250,0



Distribución Año 1 presupuesto UPM

- N. personas: 12
- Becario FPI → Anotación

Personal	21.800,00
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Distribución Costes ejecución

- Viajes a Santiago: 0,2%
- Viajes Conf. 0,5
- Equipos: 0,25
- Otros: 0,05

German	5.000,00
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Saquicela	16.800,00
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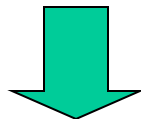
Costes Ejecución	21.666,67
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V. Santiago	4.333,33
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V. Conferencias	10.833,33
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Equipos	5.416,67
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Otros	1.083,33
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1. Un viaje por Investigador
2. Directamente relacionado con Geobuddies.
3. Geobuddies en Acknowledgments

Distribución Año 1 presupuesto USC

- N. personas:

Distribución Costes ejecución

- Viajes a Santiago: 0,2%
- Viajes Conf. 0,3
- Equipos: 0,25
- Pruebas: 0,2
- Otros: 0,05

- Reuniones
 - 2 plenarias
 - Reuniones de integración (Mayo - Junio)
 - 1 reunión mensual virtual
- Listas de correo