



SIGIT system for Guatemala and Honduras

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Project Integral Land Management

- Financed by EuropeAid
- Budget EURO 3,700,000
- Municipality of Puerto Cortes, Municipality of Omoa, Municipality of Tela, Municipality of Puerto Barrios





Proyecto Gestión Integral de Tierras



Puerto Barrios



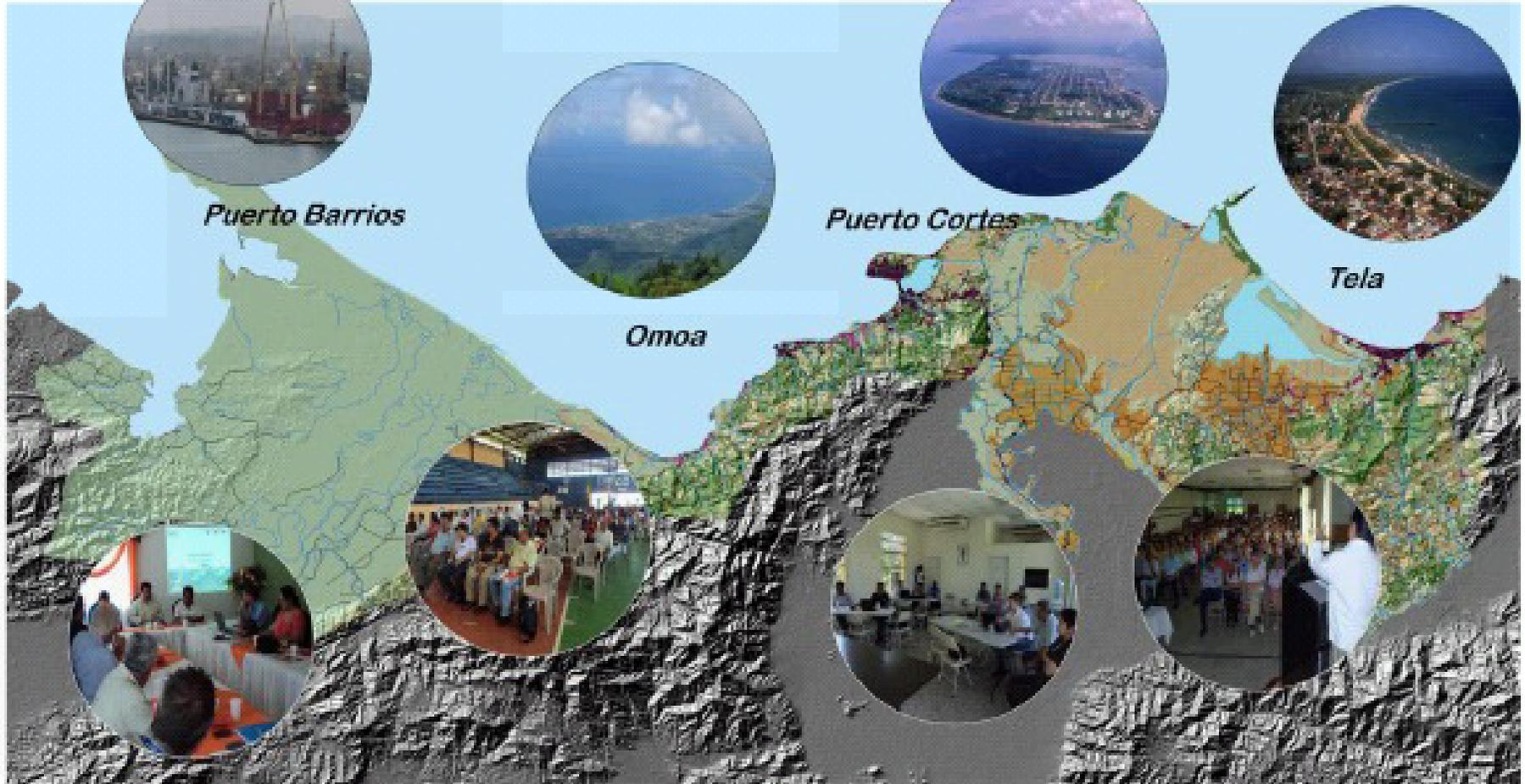
Omoa



Puerto Cortés



Tela



Activities and principal product of the project



2009

2010

2011

2012

Cadastral and Registry



Analysis current situation, acquisition of areal photography and measurement equipment



Cadastral data acquisition and public visitations, digitization of registry records



Support of the regularization and titling process of the IP, and of the continuous maintenance of cadastral data

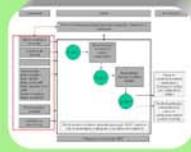


Support of the regularization and titling process of the IP, and of the continuous maintenance of cadastral data

Land use regulation plans



Definition of the methodology for elaboration of the land use regulation plans



Definition of the strategies for management, development y data acquisition for the land use regulation plans

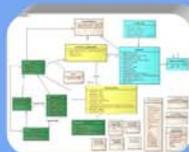


Elaboration of the land use regulation plans, based on proposals with public participation



Maintenance of land use regulation plans and monitoring of compliance of building- and operational permits

Information system for integral land management



Design of a pilot for the information system for integral land management



Development and implementation of the pilot system (SIGIT)



Adaptations of the pilot system and elaboration of the manuals



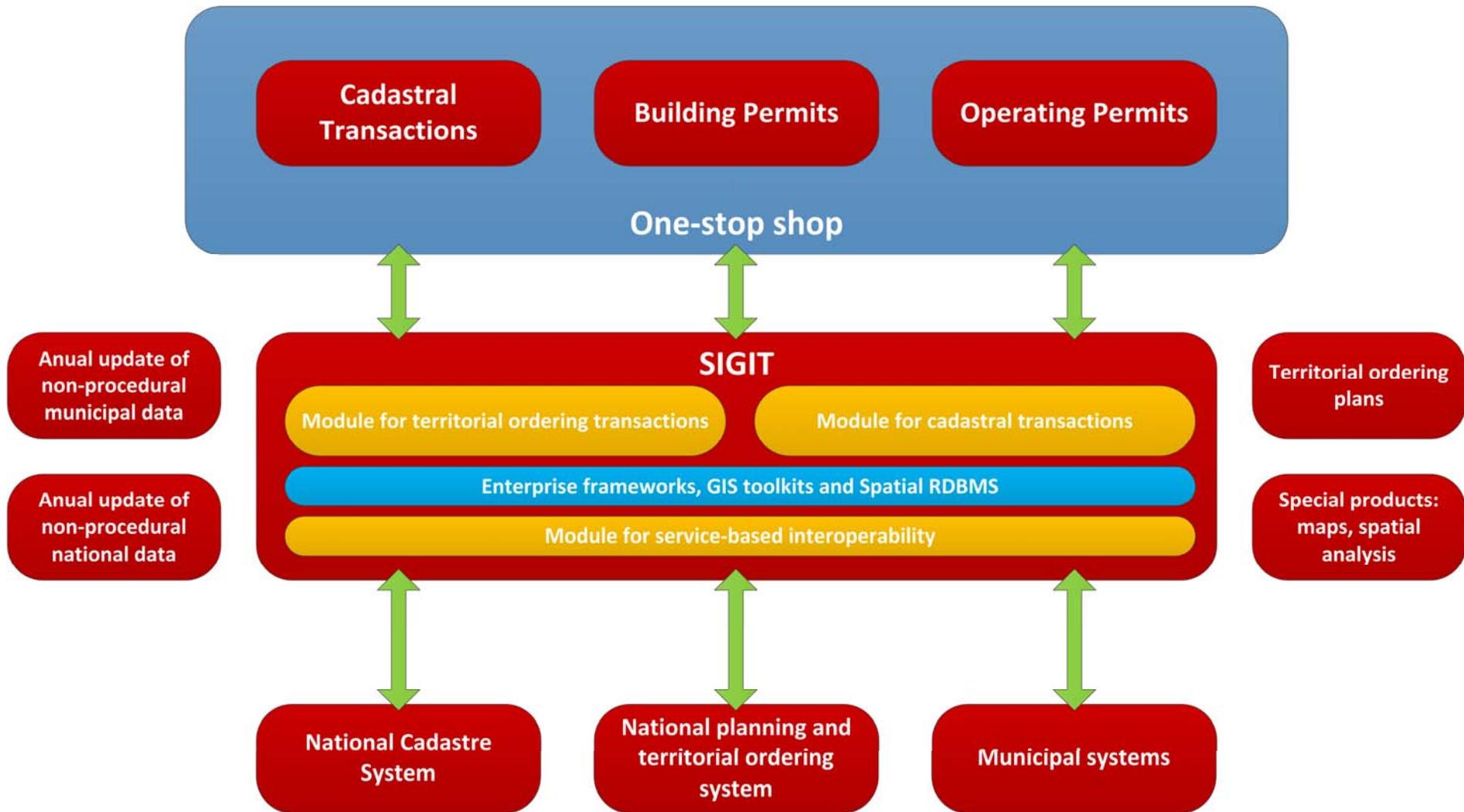
Maintenance of the SIGIT system and possible extensions for production

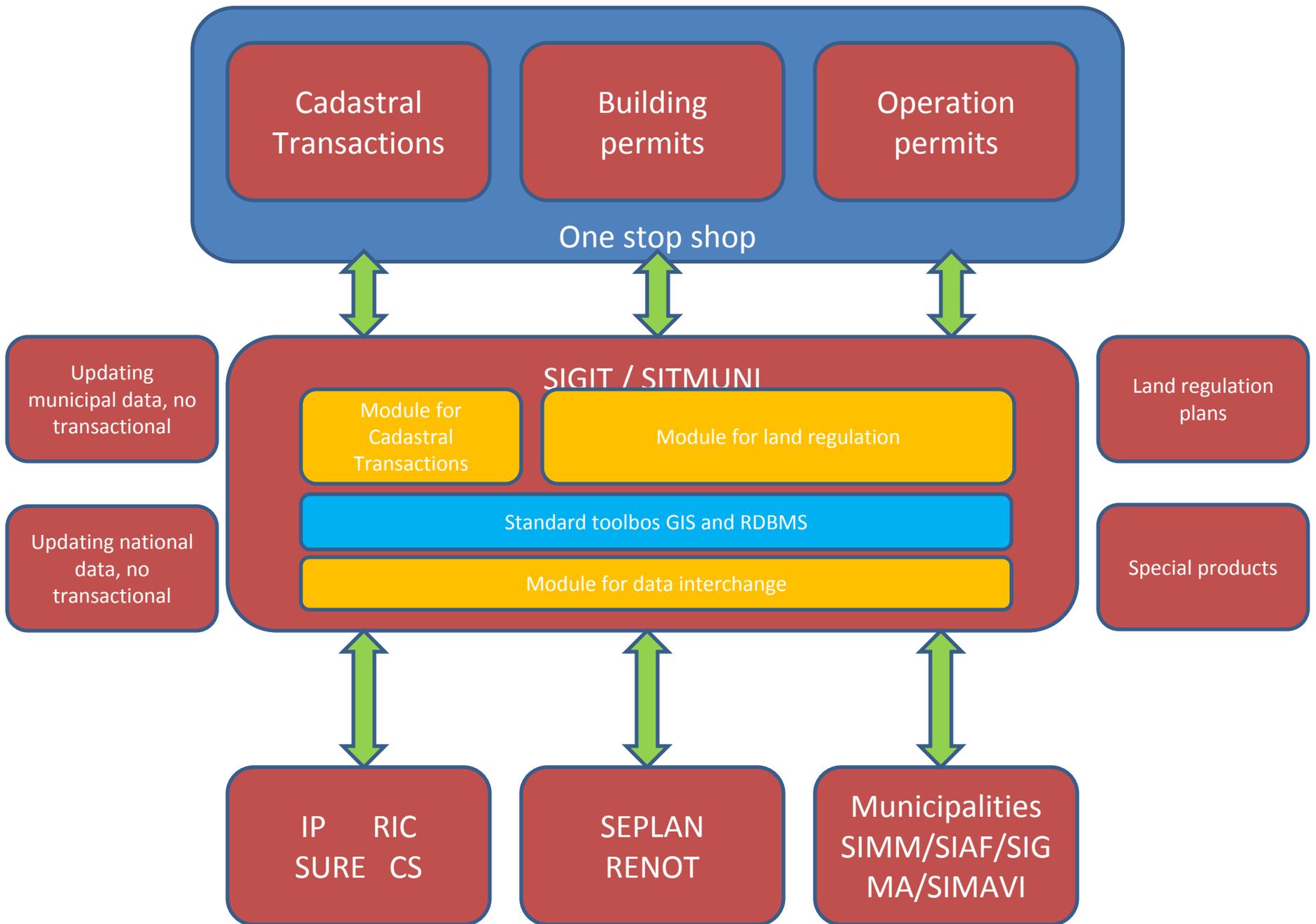
Technical assistance — Training — Feedback from principal stake holders

Objectives SIGIT

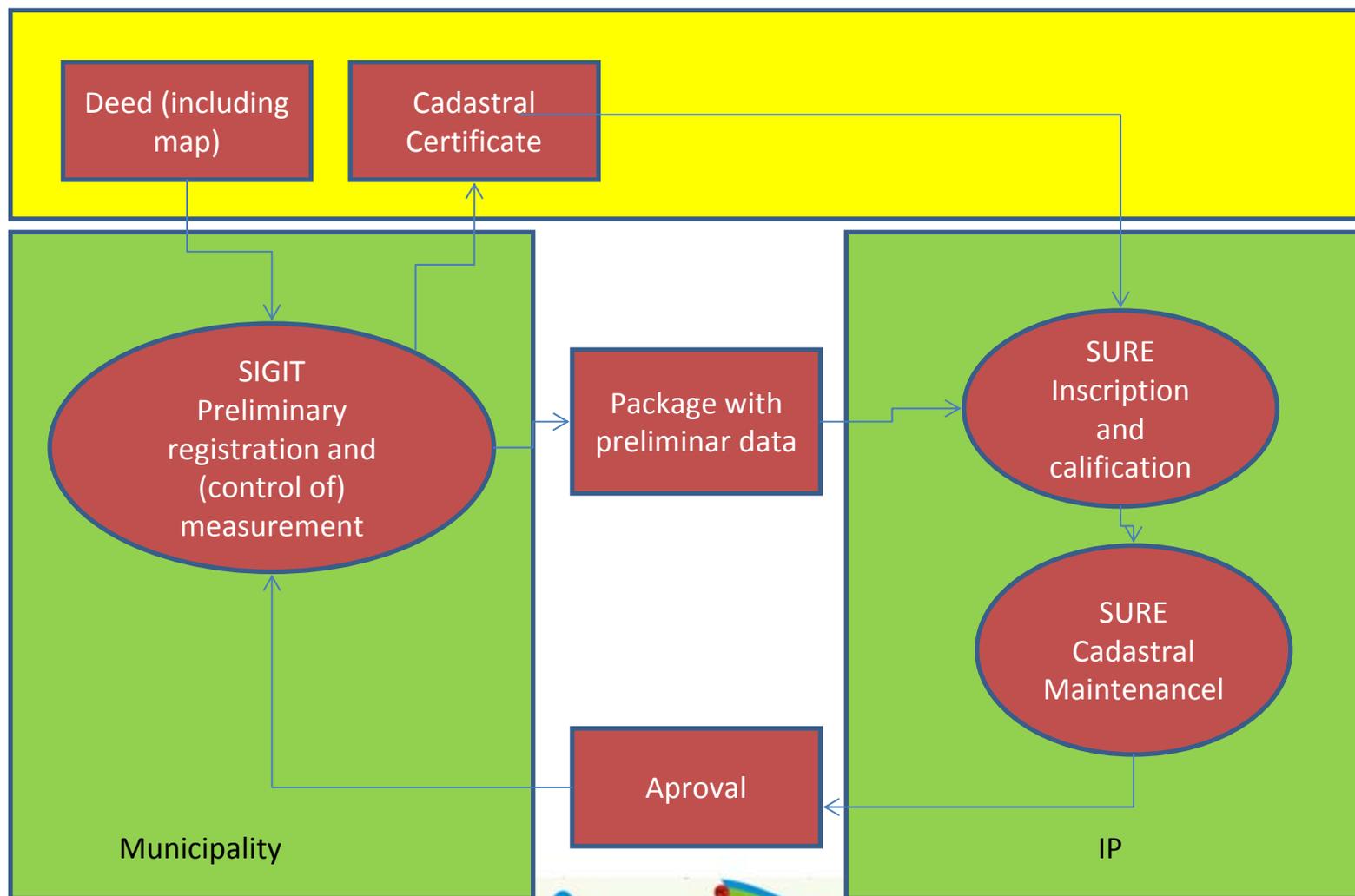
- Cadastral maintenance at local level with updating mechanism to national level
- Maintenance of land regulation plans at local level with updating mechanism to national level
- Management of building permits and operation permits
- Provide general land administration platform







Agreement IP procedure



Characteristics SIGIT

- Transactional system
- Database with history of both administrative and geometric data
- Use of Land Administration Domain Model
- Integration of land rights, land use and land planning data
- Based on open source software
- Based on mixed local / central implementation



SIGIT implementation

- Implementation Proof of Concept in April 2011
- Necessary cooperation of IP/PATH to adapt actual SURE system to receive transaction data
- All 2011 will be adaption period for fine tuning of system
- Replication in other municipalities via AMHON / IP / Kadaster projects



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-PARCEL
-BUILDING
-STREET

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HND_TaxationStatusType
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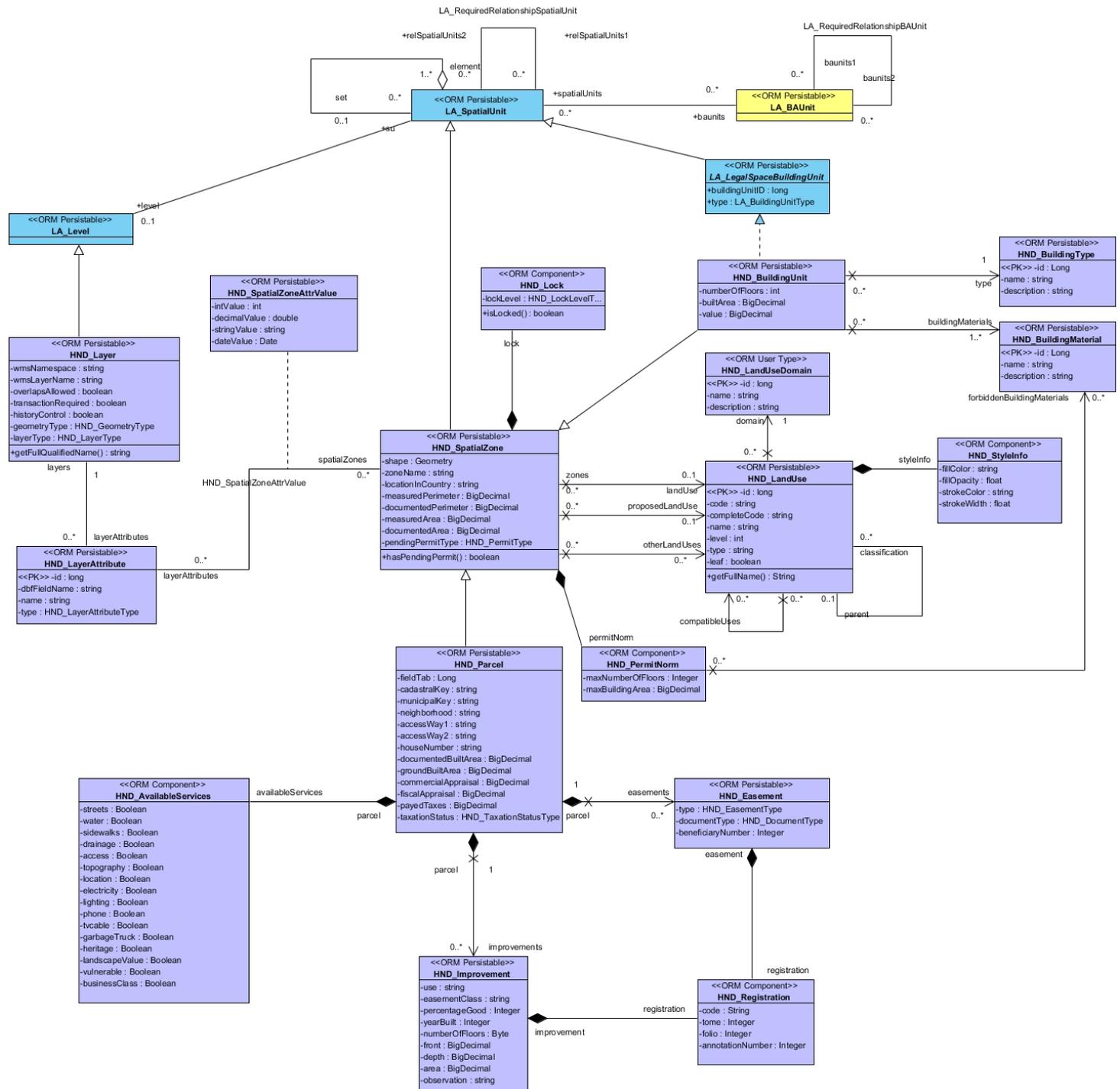
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-ECE_UN
-EURO_STAT
-ISIC_REV2
-ISIC_REV3
-ITC
-KLECKER_1981
-MUECHER
-REMMELZWAAL_APPROACH
-USGS

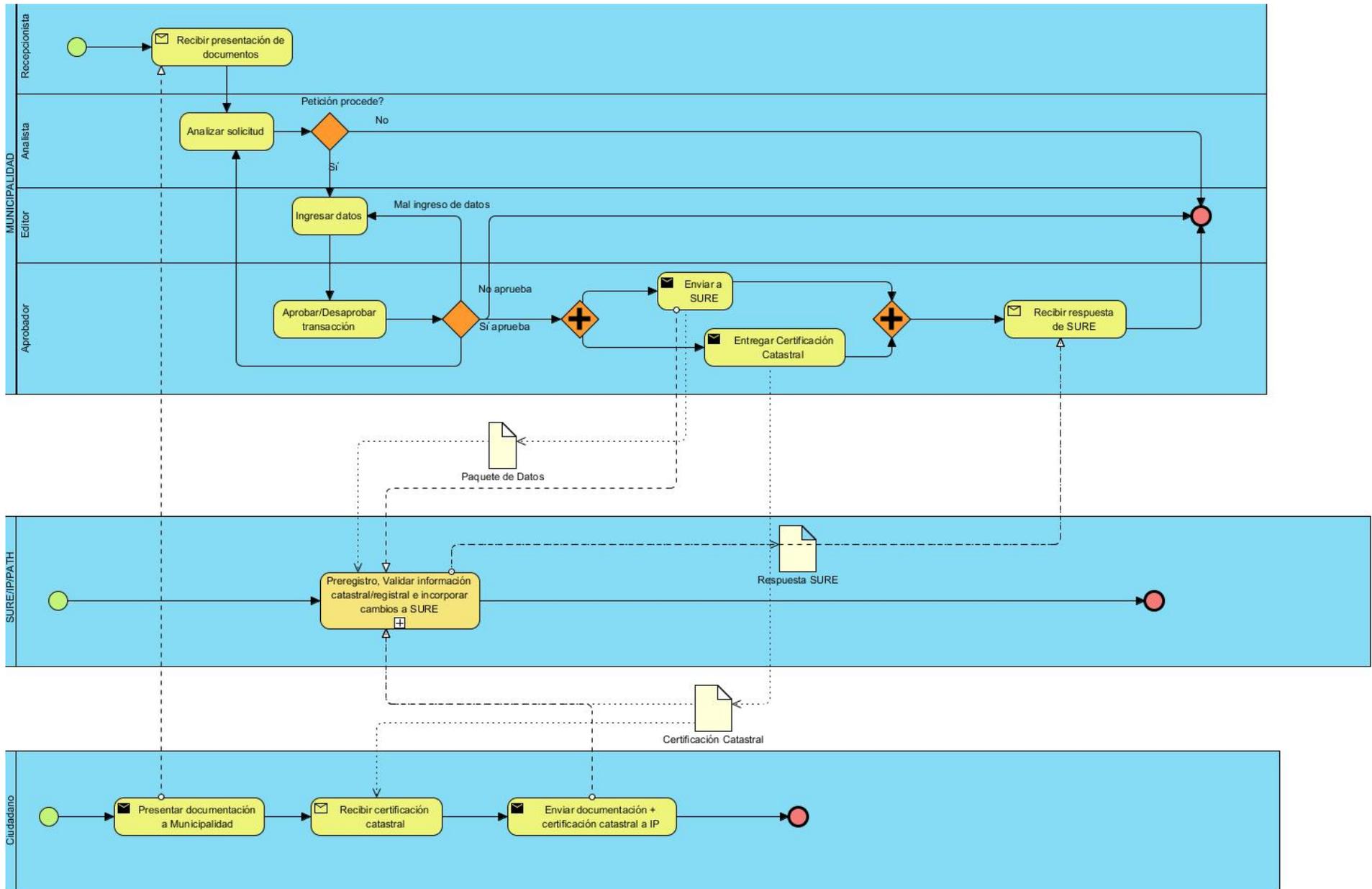
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-PRIVATE
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-AQUEDUCT
-TRANSIT





SIGIT

Aceptar

Seguir más tarde

Regresar a Analista

Visualizar datos de la solicitud

Documentación adjunta

[Inicio](#)
[Visualizador](#)
[Acerca de...](#)

INGRESO DE DATOS

Consultas

[Parcelas](#)
[Transac](#)
[Permiso](#)
[Permiso](#)

Flujo de

[Visualiz](#)
[Docume](#)

Predic

Parcelas
catastra

Parcela
50002 /

Haga cli

[50002 /](#)
[- Seleccionar](#)

[50001 /](#)
[- Seleccionar](#)

Parcelas

[619 / \(s\)](#)
[620 / \(s\)](#)
[601 / \(s\)](#)



División de zona espacial/parcela

Zona seleccionada 50002 / (sin clave catastral)

Lista de puntos

Rumbo y distancia a cada punto iniciando en punto de referencia conocido

Par de puntos de referencia conocidos con rumbo y distancia



Ingrese las coordenadas

[Seleccionar](#)

NORTE

ESTE

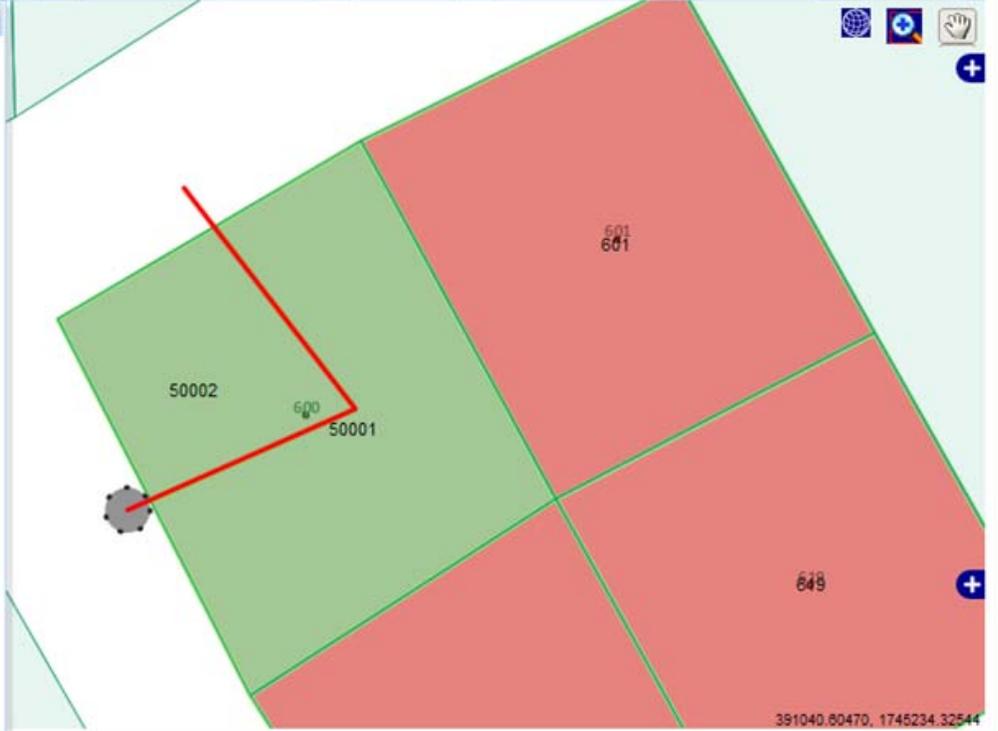
1745227.7336435 N 391030.35078985 E

1745217.7359 N 391038.1308 E

1745213.1584482 N 391027.78731329 E

Input fields for coordinates with 'N' and 'E' labels

Aplicar cambios



Aceptar

Seguir más tarde

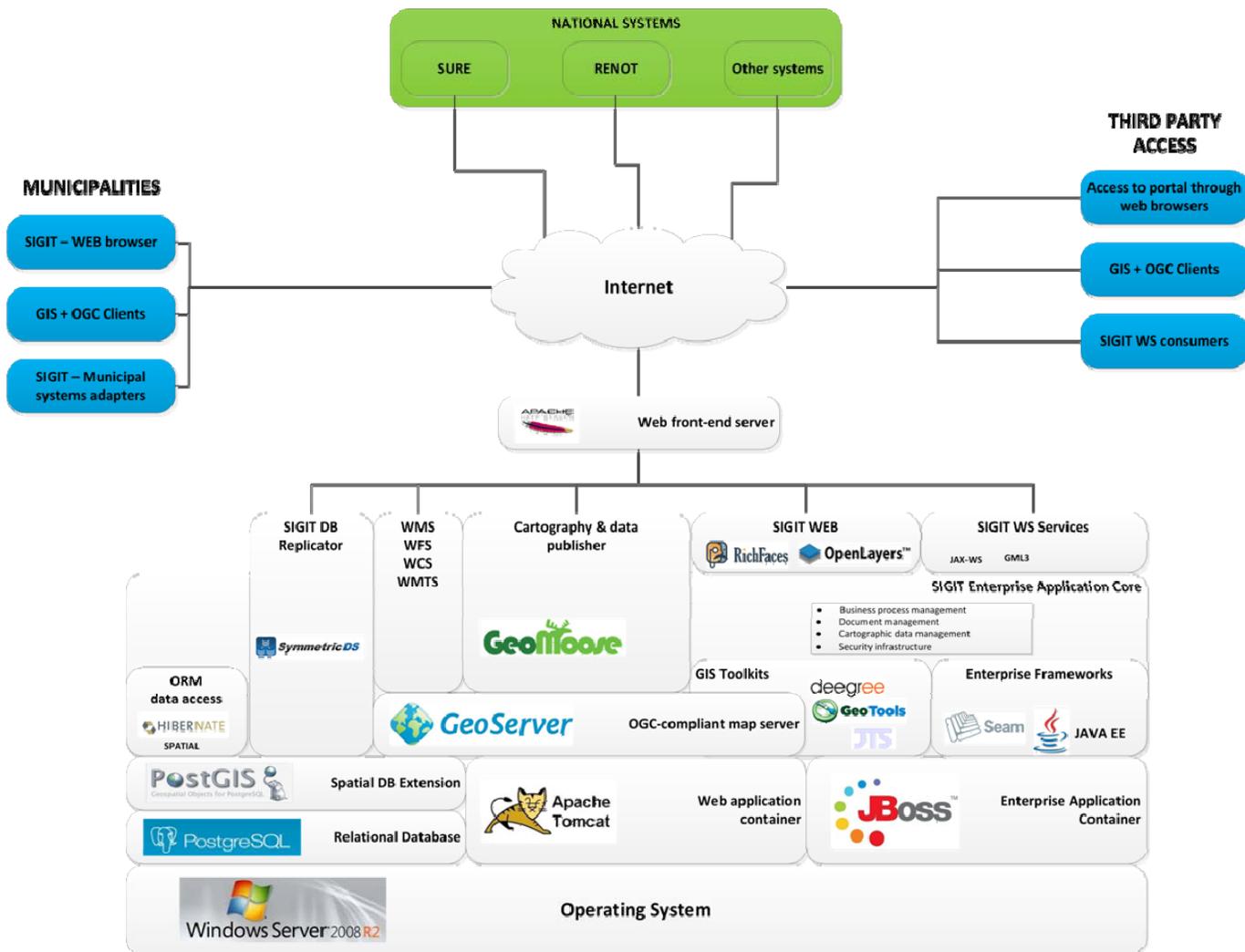
Regresar a Analista

Visualizar datos de la solicitud

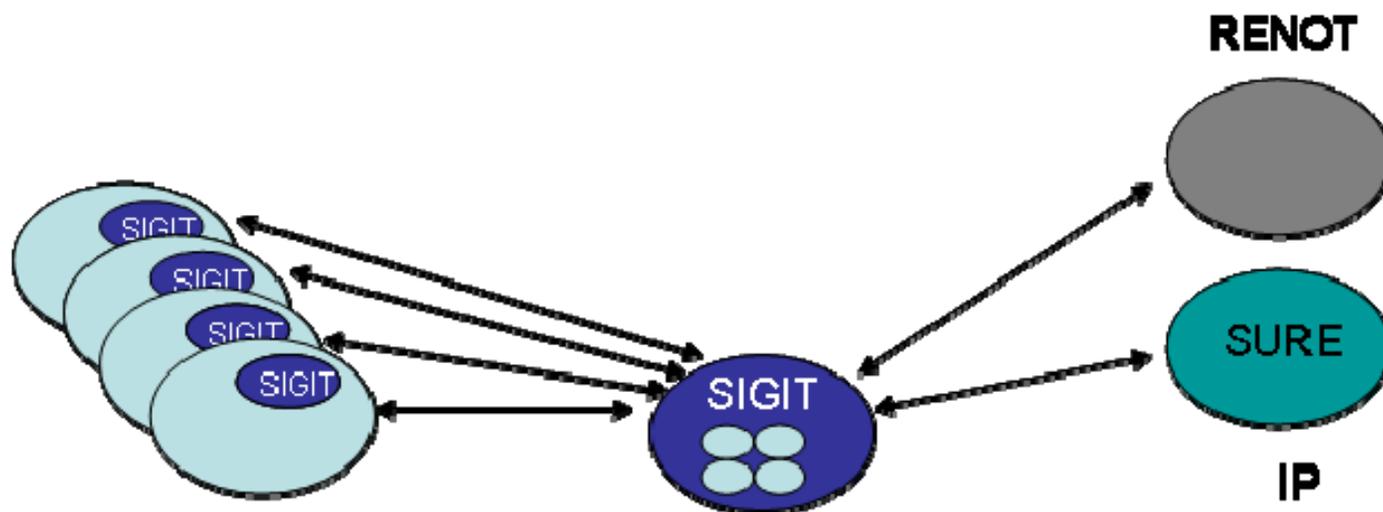
Documentación adjunta



Tecnical infrastructure



Implementation model



Municipality:
 Core functions
 Black Box
 minimum maintenance

Central:
 All functions incl publishing
 Backup/recovery
 Continuity
 Synchronization

Service Provider:
 - Municipality
 - Foundation



Thank You!

