



EDEXIM Business Analysis

Centre Borschette, 16/4/12

Project Highlights – 1st phase

- Background
 - Existing EDEXIM database needs modernization
 - Hosting will be assigned to ECHA (as of March 2014)
 - Business analysis will facilitate system revamp in ECHA
- Project
 - Will be finalised in two phases
 - First Phase finished Dec 2011
 - Main results of phase 1
 - Requirements Analysis and Use Cases
 - Business Modeling (largest part)

Requirements & Use Cases: Prioritized Requirements

- Primarily based on Regulation
- Interviews, workshops, presentations for collecting requirements
- Involvement of stakeholders
 - DNAs, Industry, JRC, ECHA

EDEXIM Requirements					Created By : V.Baiboutis (Trasys) , Last Updated By/On: K.Limitsios (Trasys)
ID	User Requirement (as of v0.8)	Provided by	Category	Comment	
1	Procedure harmonisation	DNA FR	Functional	EDEXIM should be used as a tool to harmonise procedures and practices between Member States (explicit consent form, sending means etc). It should therefore 'enforce' through its functionalities the correct use of procedures and information.	
2	Importer information	DNA FR	Functional	Information on the importer should be more detailed and certain fields should be mandatory (name, address, telephone number, fax, e-mail)	
3	Importing country utilisation	DNA FR	Functional	Regarding the utilisation at the importing country, the information of the exporters should be more detailed and consistent.	
4	Mail functionality	DNA FR	Functional	The initial explicit consent request should be sent using a mail function within EDEXIM (that would allow the attachment of the necessary files: export notification, SDS, form) and not externally. This will allow to keep track of the delays without having to re-enter data.	
5	Exporter Notifications	DNA FR	Functional	The exporter should be kept updated on the progress and status of the explicit consent request	
6	Search by substance	DNA FR	Functional	Ability to search by substance	
7	Duplication by change of destination	DNA BE	Functional	For requests of the same substance to many different countries, there should be a possibility to use the same notification, only changing the destination.	
8	Access to CN Codes	DNA LI	Functional	CN codes should available through a link with TARIC and EQIX database	
9	Export Notif.: Chemical group	DNA DE	Functional	It should be indicated whether the chemical is included in the group of CMR, PBT, and vPvB (article 14)	
10	Export Notif.: export date	DNA DE	Functional	First possible export date to be indicated automatically unless a later date has been entered	
11	DNA compliance check: List	DNA DE	Functional	Notification is entered in a list with space for internal remarks and providing search functions	
12	DNA compliance check: Mixtures	DNA DE	Functional	When mixtures are notified, substance concerned should be indicated	
13	DNA compliance check: Receipt date	DNA DE	Functional	Date of receipt to be indicated	
14	Special RIN request: Alert	DNA DE	Functional	For exports under Art. 2 (3), automatic addition of amounts and alert function when 10 kg are reached.	
15	Use of CAPTCHA	DNA UK	Security	Are there plans to introduce a CAPTCHA to prevent access from web-bots etc? This would be welcome as it is a move to a more modern security set-up. If a CAPTCHA is to be used, then it needs to be one that is relatively easy to use (i.e., not the one used for ECHA's REACH-IT system)	

Requirements & Use Cases: Summary

1. 60+ requests for improvements
 - ❖ DNAs: FR, BE, LT, DE, UK, ES, SE
 - ❖ Exporters/Industry
 - ❖ JRC/ECHA
2. Highlights:
 - ❖ Various usability improvements (email alerts, etc.)
 - ❖ Search by substance, and other search improvements
 - ❖ System automation improvements (e.g. workflow)
 - ❖ User Management improvements
 - ❖ Features for Customs Officers
 - ❖ Reporting (Article 22)
3. Requirements to be prioritized

Requirements & Use Cases: UC Model & Use Cases

uc Overview

Legislation Management

- + Manage Article 10 Annual Reports
- + Manage Article 22 Reports
- + Manage Chemicals
- + Manage Countries
- + Manage DNAs
- + Manage Import Responses
- + Manage Legal Texts
- + Manage Mixtures and Articles

Special RIN Request Management

- + Approve Special RIN Request
- + Create Special RIN Request
- + Register Special RIN Request
- + Search for Special RIN Requests
- + View Special RIN Request

Import Notifications Management

- + Acknowledge Import Notification
- + Create Import Notification
- + Search for Import Notifications
- + View Import Notification

System Administration

- + Home Page
- + Manage Notices
- + Online Help

Explicit Consent Management

- + Create Explicit Consent Request
- + Issue a Waiver
- + Manage Explicit Consent Request Forms
- + Record Explicit Consent Feedback
- + Search for Explicit Consent Requests
- + Send Explicit Consent Request
- + View Explicit Consent Request

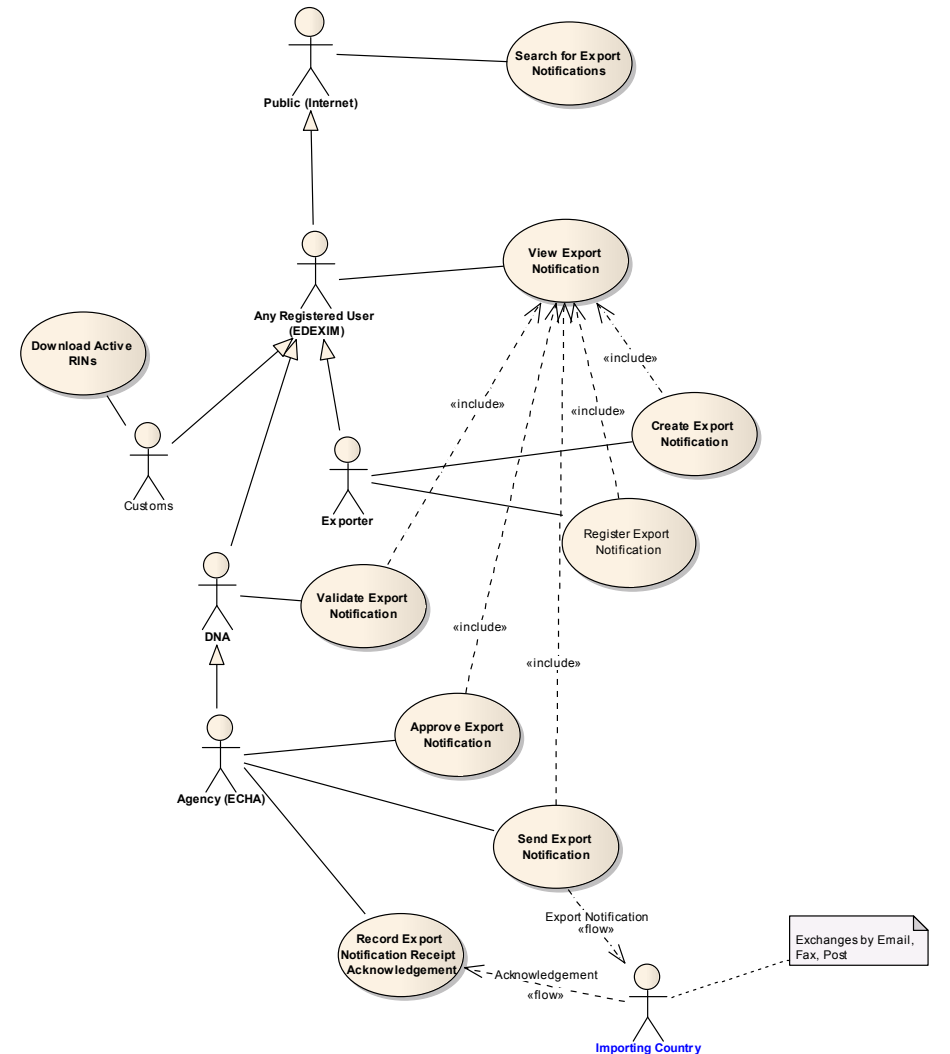
Export Notification Management

- + Approve Export Notification
- + Create Export Notification
- + Download Active RINs
- + Record Export Notification Receipt Acknowledgement
- + Register Export Notification
- + Search for Export Notifications
- + Send Export Notification
- + Validate Export Notification
- + View Export Notification

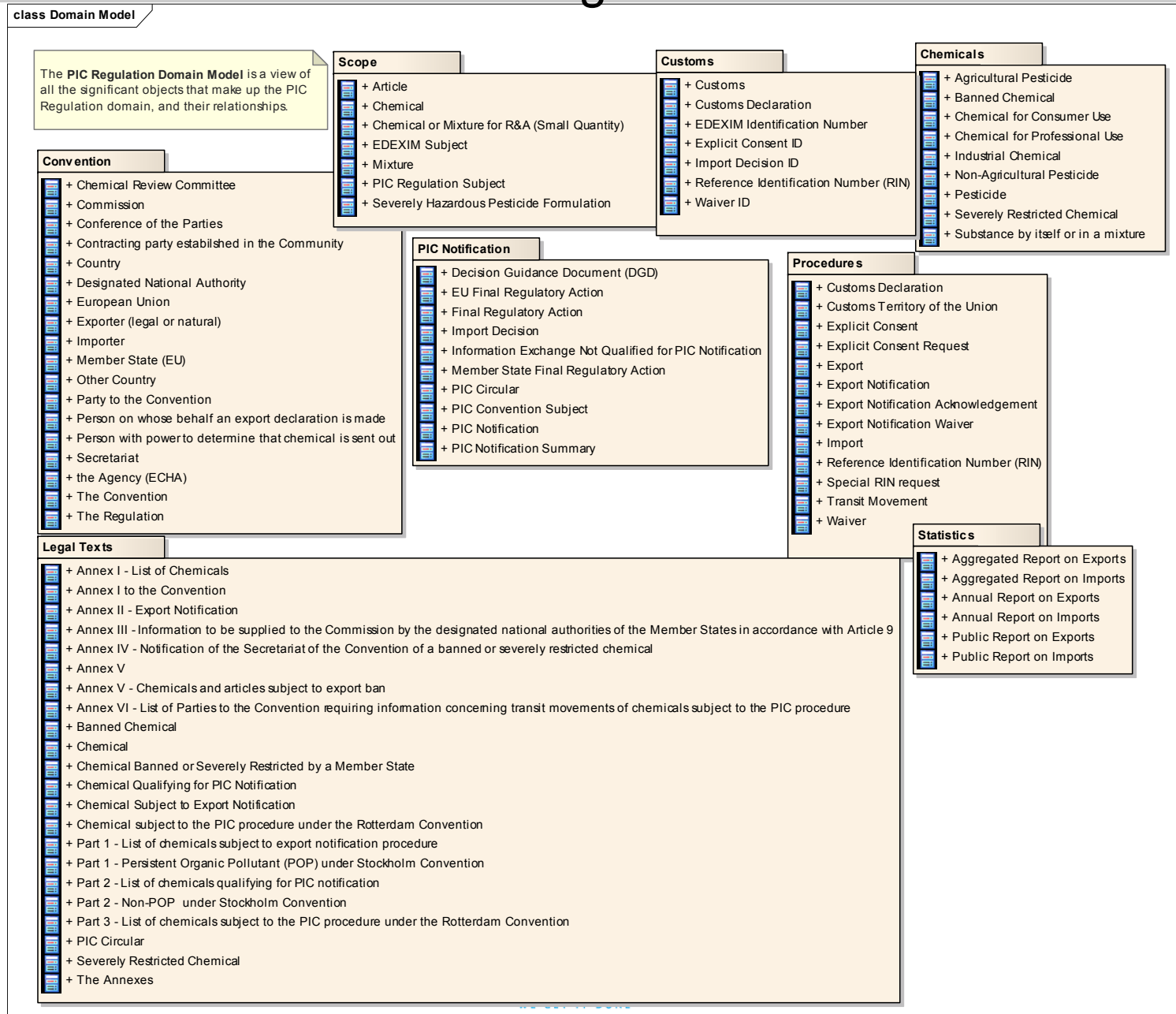
User Account Management

- + Login
- + Logout
- + Manage Personal Settings
- + Manage User Accounts

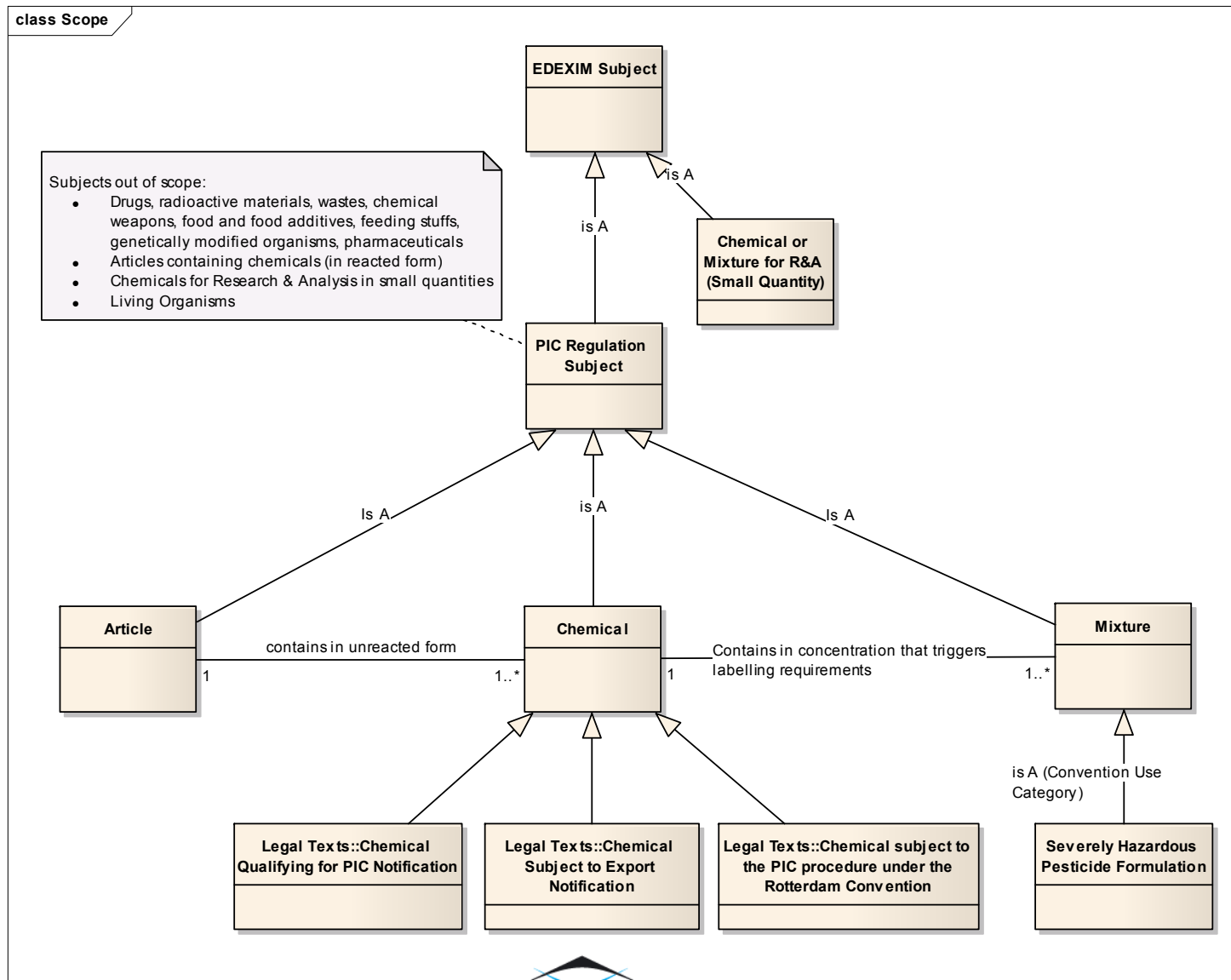
uc Export Notification Management



Business Modeling: Domain Model & Entity Relationship Diagrams



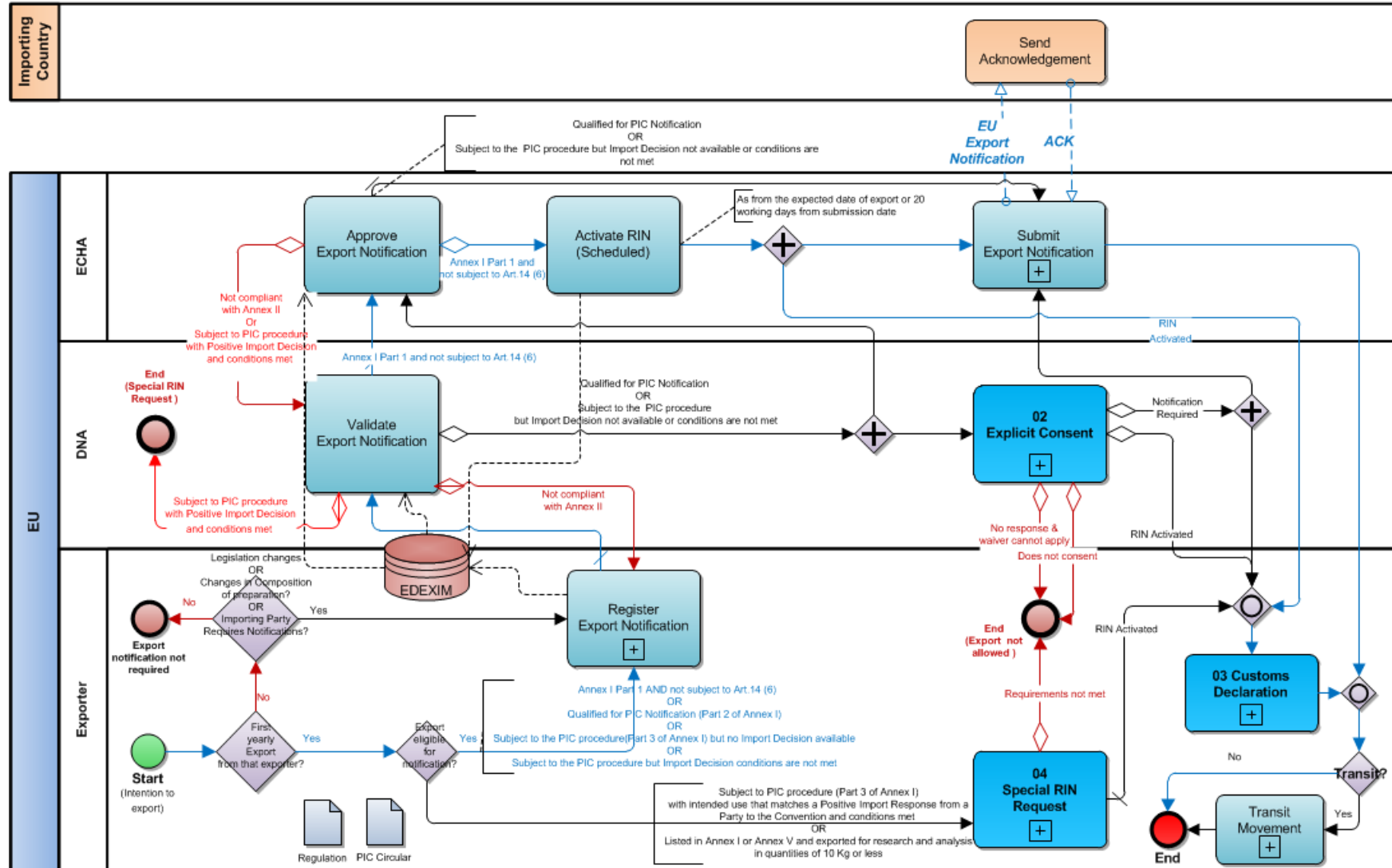
Business Modeling: Class Diagram



Business Modeling: Process Diagrams

PIC Regulation Process - 01 Export Notification (Article 8, Regulation 689/08 Recast Proposal)

BPMN Process Model - Level 2: Analytic Version: 0.4 Author: K.Limitsios (TRASYS) Last Modified: 24/01/2012



Project Highlights - 2nd phase

- Second Phase starting Apr 2012 (4 months)
 - Finalisation of Business Modeling
 - Creation of prototypes/mock-ups
 - Interaction with stakeholders (review of deliverables)



The screenshot displays the TRASY S application interface. At the top, there is a navigation bar with tabs: Export Notifications, Explicit Consents, Import Notifications, Special RIN Requests, Regulation, Administration, Logout, and Help. Below this is a breadcrumb trail: Home > Export Notifications > View (34243). A user profile sidebar on the left shows: User Account: userX, Name: User X, Role: Agency/DNA/Exporter. The main content area is titled 'EXPORT NOTIFICATIONS' and shows a list of notification statuses: Pending, All (selected), All, Pending, Approved, Rejected, and Not applicable. Below this is the 'EXPLICIT CONSENTS' section with a similar list. The 'SPECIAL RIN REQUESTS' section shows a list of requests with columns for Select, ID, Mixture, Request Date, Response Date, Status, Reminders, Category, DNA, and Notes. A detailed view of RIN: 34243 (Draft - RIN Disabled) is shown, including fields for Chemical (Tolyfluanid), Mixture/Article, Intended use (Industrial), Expected Date of Export (13/02/2011), RIN Validity Period, Exporter (XXX), DNA (United Kingdom), and Importing Country (Switzerland). A task log table is also visible, listing tasks such as 'Submit to DNA (Registered)', 'Validate and Forward to Agency', 'Send Back to Exporter (Invalid)', and 'Re-submit to DNA (Registered)'. The interface includes various action buttons like 'Edit', 'Delete', 'Save As New', 'Print (PDF)', and 'Next Task >>'.

Review of final deliverables

- Final Draft version of deliverables available mid/end of May 2012
- Comments of stakeholders are welcome
- Review of stakeholders (DNAs, Industry, ECHA) can be:
 - Detailed (technical)
 - In the full range of deliverables
 - Business analysis background is recommended
 - High-level
 - In the prototypes/mock-ups
 - Possibly, in the process diagrams

Contact details

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THANK YOU!