



## LRI MS Connection

# WP2 Workshop Analysis/Design Consolidation **Discussion of payment related issues**

AT: Johann Kickinger

# Agenda – Discussion of payment related issues

- **Goals of activity A2.2 Analysis of important aspects of the interconnection**
- **Shopping basket**
- **Invoicing**
- **Payment**
- **Accounting** (recording of invoice-components and total amount paid)
- **Split of total amount earned and transfer of money** for documents provided to the source **Land Register**
- **Auditing / Traceability**

## Activity A2.2 Analysis of important aspects of the interconnections

Analysis of all **organisational, legal, contractual, financial (invoicing, accounting), auditing and tax issues (VAT) including transfer of money** to be collected via the payment service provider to be selected by the Commission. As property related information from the AT Land Register is only available for a fee.

> Want to describe this in a **separate main chapter** in deliverable D2.1 Analysis and Design Document.

# Search documents: returns result-list with prices

- User: searches documents using the LRI component at the e-Justice Portal
- LRI component at the e-Justice Portal sends a search request to national LR(s)
- LRI MS component of the national Land Register sends a response containing a document list with an **indicative price** for each payable document
  - Note: the indicative price can be maximum price limit, in case e.g. a result list with variable length is payable itself.
- **Final price** should be calculated from the sum of document-prices **actually delivered** from the national Land Register to LRI at the e-Justice Portal
  - If document cannot be delivered by the national LR (either to technical unavailability or if this document does not exist any more) then it should have a price of zero

# Shopping basket (shopping cart)

## > Shopping basket (shopping cart):

- Is a **shared shopping basket** possible with documents from different Land Registers?
  - Yes: optimum user experience, but total amount earned must be split between different LRs
  - No: less attractive to users, split of total amount only into uplift, taxes and net price for 1 LR

## > Functions:

- **Add documents** to shopping basket; **Display items** in shopping basket; **Remove documents** from shopping basket;
- **Checkout: order all documents contained in shopping basket**
  - **Display preliminary invoice** to see all price-components and total price
  - (Optional) Modify shopping basket: remove or add items
  - **Confirm order** starts the **Payment process**:
    - a) **e-Payment of single shopping basket** with Credit card or MAESTRO card
    - b) If **organisation of the user is willing to pay** for all transactions of its own users, then just inform user that the total amount will be put on the next monthly bill of her/his organisation (==> some form of **agreement or contract** is required for this).

# Further functions required

- **Invoicing:** price components (net price of docs, uplifts tax), tax calculation, invoice generation, preliminary invoice for display, final invoice for documents actually delivered
- **Payment:** e-Payment of total amount / or put it on the bill of the user's organisation
- **Accounting** (recording of Order-nr, Invoice-nr, invoice-item-nr, item-price, total amount billed, total amount paid, plus payment reference information)
- **Splitting of total amount and transfer of money earned for invoice components for sub-components to the right service provider:** service fee for payment, net price of documents to right providing national Land Register, tax earned to right tax office (or to providing Land Register?)
- **Auditing/Traceability**
  - ➔ **National Land Registers** need to **log prices** of actual documents delivered to LRI including Order-nr, Invoice-nr, Invoice-item-nr and Payment-reference-nr in order to know how much money they have to get and for full traceability in case of any issues with payment or delivery of documents.

# Contracts required?

- > Don't we need **some form of contractual agreement** that:
  - The Member States Land Registers trust the **Identity Service Providers (IDPs** = Authentication and Authorisation services providers) of the other Member States – and vice versa –
  - Member States trust the prices and correctness of the documents of the providing Land Registers?

Solution could be some form of “**Circle of Trust Agreement**” and Member States and/or Organisation could sign an accession form for joining.