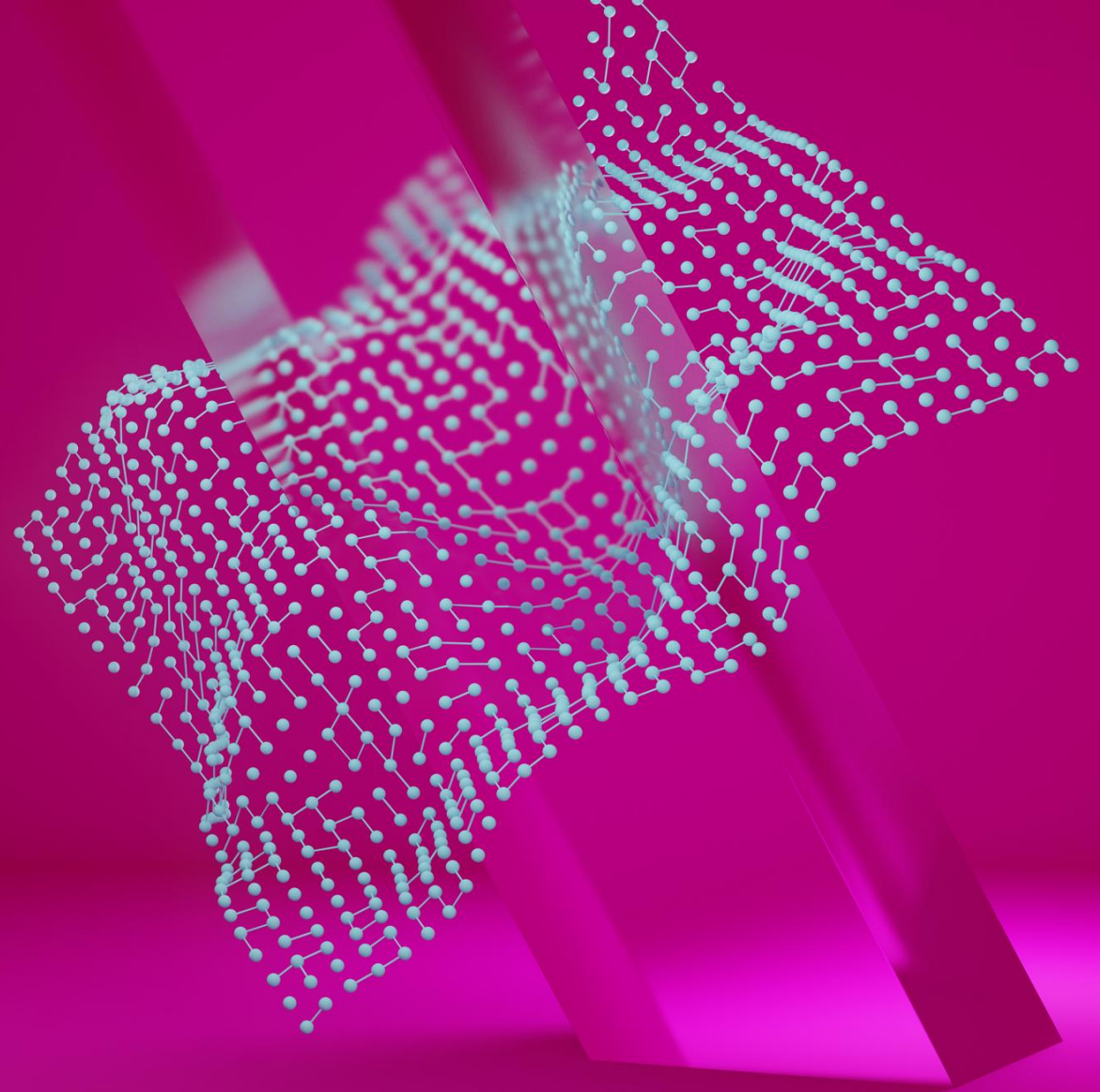


Welcome to Findata's application clinic

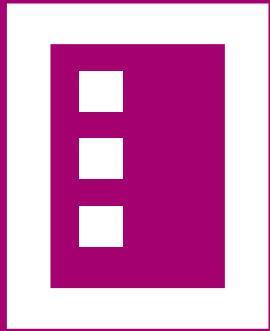
Findata's new e-service

Senior specialists

Paula Nurmi & Rosa Juuti



Program



Findata – key services

New e-service

- Key features
- Authentication
- Data extraction description tool
- Kapseli orders

Key services

Permits for the secondary use of social and health care data

Help Desk

Collecting, linking, pseudonymisation and anonymisation of data

Kapseli®
A secure processing environment for data analysis

- + Processing of applications and permits on behalf of data controller
- + Support for the preparation of data descriptions
- + Verifying the anonymity of results

Rosa Juuti, Senior Specialist

New e-service

Key features 1/2

Done

Upcoming

In the future

Authentication and user management

Strong identification

Possibility to apply on behalf of an organisation*

Management of projects, permits and applications

Compiled project information

Application and data extraction status information

Result submission via the e-services portal

Application submission and processing

Information recorded in the application only once

Available languages: Finnish, Swedish, English

EHDS-compliant forms

** Additional information on upcoming slides*

Key features 2/2

Done

Upcoming

In the future

Integration to Data Resources Catalogue and data descriptions

Variable descriptions directly from the catalogue

Data descriptions are created within the application

Data controllers can review and comment on the data descriptions

Kapseli

Kapseli order in the new e-service

Orders are linked to the projects

E-service does not have a direct link to Kapseli

Integration to HealthData@EU infrastructure

Transfer of applications and decisions between the systems

Information management and reporting

Information in the e-service as a basis for the reporting mandated by the EHDS

Benefits of the new authentication solution

- **Clarity:**
 - Identification only with strong suomi.fi identification
 - International applicants: eIDAS or Finnish Authenticator
 - Applicant status: applying either as a private person or on behalf of an organisation
- Organisations have more information and visibility on the applications submitted on their behalf and the granted permits
- Utilising the electronic suomi.fi authorisation system provided by Digital and Population Data Services Agency (DVV) improves information security

What changes? Applying on behalf of an organisation 1/2

- Utilises the electronic suomi.fi authorisation system provided by DVV
 - Organisation can grant a mandate for transactions to a person = the right to carry out transactions on behalf of the organisation in a certain topic
- This is needed to be able to submit application on behalf of the organisation in Findata's e-service!**
- Organisation can also give a person the right to grant a mandate = the right to grant mandates to other people in a certain topic

What changes? Applying on behalf of an organisation 2/2

- When granting mandates for transaction, you will have to choose whether the person is granted a mandate as
 - 1) a basic user or 2) an administrator
 - A basic user can submit applications and orders and review decisions related to them
 - An administrator can review all applications and orders submitted on behalf of their organisation, as well as the decisions related to them.
- **Findata will provide separate instructions on granting mandates and offer guidance when necessary**

Responsibilities

Organisation

- Decides who the organisation grants mandates for transactions and the rights to grant mandates to
- Grants mandates for transactions and the right to grant mandates to individual persons
 - Includes lifecycle management
- Administrators have broad visibility to applications and decisions

Applicant

- Must ask for mandate for transaction from the organisation
- Acts as applicant or places orders in the e-service

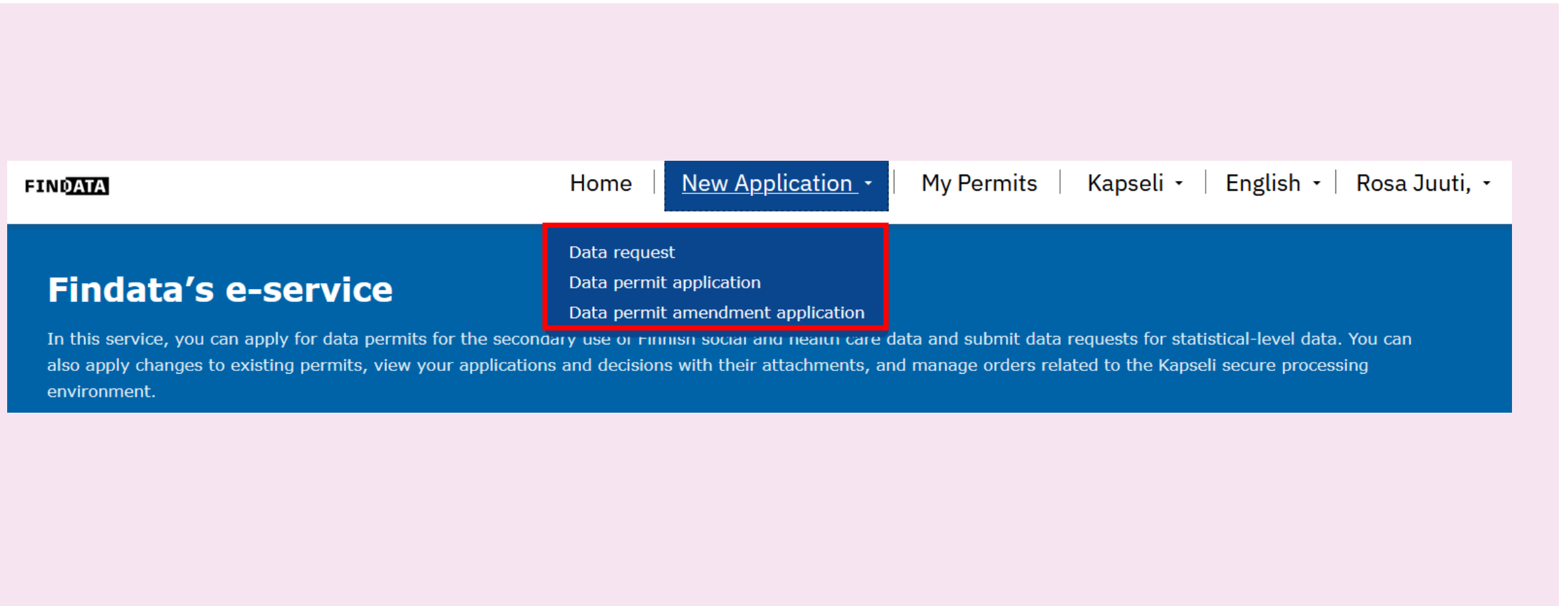
No longer in the e-service

- Exercising rights under the GDPR
 - through a separate process
- Applying for Tunneli-credentials
 - through a separate Suomi.fi Secure Messages service
- Authentication of Kapseli-users
 - Through an authentication service developed by CSC

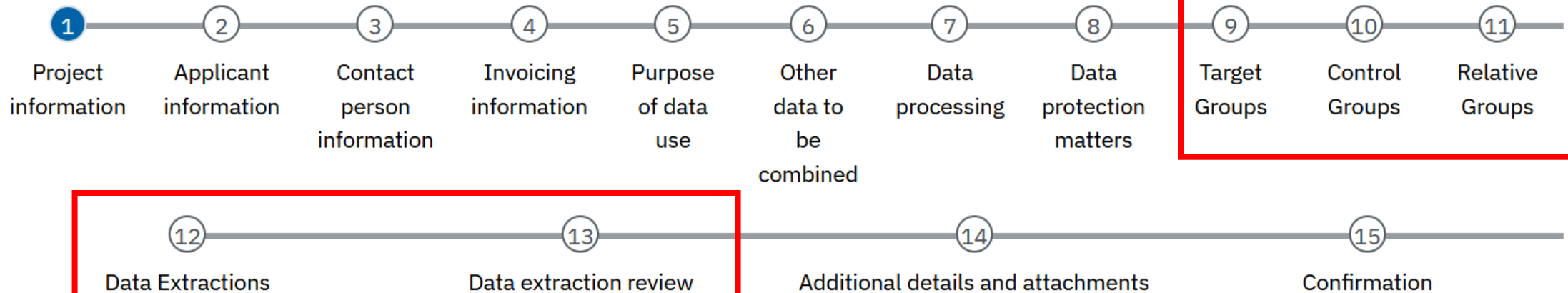
Paula Nurmi, Senior Specialist

Data extraction description tool

Data extraction description tool is used within the application form



Data extraction description tool is used within the application form



Target group formation

9 Target groups

Target groups

Will the target group be formed with this data permit application or will a target group formed earlier be utilised for the extractions? 

☐ No ☒ Yes

Create target groups

Create new

Target Group	Controller	Register	Extraction start date	Extraction end date	Extraction time frame variables	Other remarks
--------------	------------	----------	-----------------------	---------------------	---------------------------------	---------------

There are no records to display.

Formation of the target group with the current application

- There can one or multiple target group(s)
- If you cannot find the data controller and/or dataset from the dropdown menu:
 - Choose 'I cannot find the data controller / dataset from the list' and
 - Fill in the required data controller / dataset into the text field below

I want to utilise a target group formed earlier

☒ No ☐ Yes

Name the target group  *

Target group A

From which data controller do you want to extract the target group?

Social Insurance Institution of Finland

If you cannot find the data controller you are looking for in the list, you can enter it here:

From which dataset do you want to extract the target group? *

Medicines / Medicine Dispensations

Utilising an existing target group

- The target group can also be based on an existing data permit, person's consent or another legal basis

I want to utilise a target group formed earlier

☐ No ☒ Yes

Name the target group ⓘ *

Target group B

Indicate the basis on which the target group was formed. ⓘ

On the basis of a data permit

I confirm that the data permit has been granted for the same project.

☐ No ☒ Yes

Who will deliver the target group to Findata? ⓘ

Dana Data, Research Ltd.

Target group extraction limitations

- If the target group is formed with the current application, describe the extraction limitations
- Estimate the size of the target based on e.g. publicly available information

Estimated size of the target group ⓘ *
approx. 400 000
Target group date range, start date *
1.1.2020
Target group date range, end date *
31.12.2025
Date range delimiter variable *
CREATION_DATE
Extraction limitations and other remarks
Target group to include only persons with dispensation with ATC codes R03A*, R03BA*

Variables to be extracted for the target group

- In target group extractions the only variable to be extracted is **the personal ID**. This does not need to be listed separately.
- If needed, an index date can also be extracted (e.g. for control group formation)

Will index date also be extracted?

☐ No ☒ Yes

Based on which variable will the index date be extracted?

CREATION_DATE, index date will be the date of the first dispensation with ATC codes R03A*, R03BA*

Data extractions

- Similarly, data controller/data set are chosen for the data extractions
- Name the extraction clearly

Name the data extraction  *

Dispensation extraction for target group A

Which data controller's data will the data be extracted from? *

Social Insurance Institution of Finland

If you cannot find the data controller you are looking for in the menu,

From which dataset will data be extracted from? *

Medicines / Medicine Dispensations

If you cannot find the register you are looking for in the menu, describ

Data extractions

- Remember to define the target group or the combination of groups for which the data will be extracted
- This is important – Findata needs to know which personal ID's need to be sent for each data extraction

For which target group (and/or control group or relatives) will the data be extracted?  *

Target group A + relatives, combined list of unique personal ID's

Data extractions

- Define the extraction dates and other limitations as clearly as possible
- Note: the variables to be extracted are not yet listed in this phase!

Extraction start date *

1/1/2022

Extraction end date *

12/31/2025

Extraction time frame variables

CREATION DATE

Estimated size of the target group 

approx. 1,5 million

Extraction criteria and other remarks *

Extraction of only dispensations with ATC code R03*

Choosing variables

Variables

☐	Name	Description (hover for details)	Pickup period
☐	Amount remaining, expression	Indicates the amount remaining as an expression.	1.5.2010 -
☐	Amount remaining, numeric	Indicates the amount remaining in numeric form.	1.5.2010 -
☐	Amount remaining, text	Indicates the amount remaining in text form.	1.5.2010 -
☐	Amount remaining, unit	Indicates the unit of the amount remaining.	1.5.2010 -
☒	ATC code	Indicates the drug's ATC code. The international ATC classification system is main...	1.5.2010 -
☒	ATC drug name, Finnish	Indicates the ATC classification's active ingredient in Finnish.	1.5.2010 -
☐	ATC drug name, Swedish	Indicates the ATC classification's active ingredient in Swedish.	1.1.2011 -
☐	Biological drug	Indicates whether or not the product is a biologcial drug. The information can be ...	1.5.2010 -
☐	Birthdate	Indicates a patient's birthdate.	1.5.2010 -
☐	CNS prescription	Indicates whether or not the drug affects the central nervous system.	1.5.2010 -
☐	Container	Indicates the drug's container, e.g.: blister pack, table jar, plastic bottle, bottle, tu...	1.5.2010 -
☐	Cost	Indicates the cost, consiting of the price of the drug and the pharmacy's delivery f...	1.1.2011 -
☒	Creation date	Indicates the document's creation date.	1.5.2010 -
☐	Delivery status	Indicates the delivery status of the dispensation, i.e. whether or not the drug has	1.5.2010 -

or Secondary Use

Choosing variables

☐	Partial package	Indicates whether or not it is a partial package dispensation.	1.5.2010 -
☒	Personal identity number	Indicates a person's unique identifier.	1.5.2010 -
☐	Pharmaceutical form, code	Indicates in what form the drug is given.	1.5.2010 -
☐	Pharmaceutical form, description	Indicates the description of the pharmaceutical form in Finnish, i.e. what kind of d...	1.5.2010 -
☐	Pharmacy type	Indicates what type of pharmacy made the dispensation.	1.5.2010 -
☐	Preparation type	Indicates the preparation type code.	1.5.2010 -
☐	Prescription status	Indicates whether or not the dispensations requires a prescription. The informati...	1.5.2010 -

Add variables

Data controller

Kansaneläkelaitos

Choosing variables

- If the data controller has not described the data partially or at all into the Data Resources Catalogue, you can write the variables or description of the data to be extracted into a text field

If you cannot find the variables you are looking for in the menu, describe here the variables that should be included.

After submission

- Status and progress of the application can be followed in the e-service
- You can download a pdf file of the submitted application
 - Direct views to the application will be available later
 - The aim is to provide more granular views to the data extraction status later as well

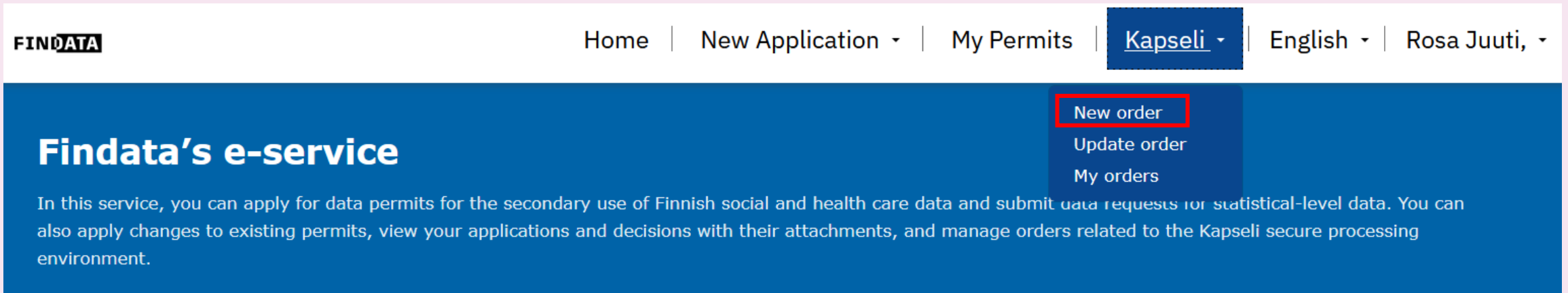
Sent applications

Project				Contact	First	Returned to	Application and	Status
Name	Case Type	Case number	Applicant	person	Submitted ↓	Findata	attachments	Reason
Rosa 16.2.26	Data permit amendment		Rosa Juuti		5/12/2026 10:36 AM		Link to application	Received

Rosa Juuti, senior specialist

Kapseli orders

Kapseli orders are placed in the e-service



The screenshot shows the Findata e-service interface. At the top, there is a navigation bar with the Findata logo on the left and links for Home, New Application, My Permits, Kapseli, English, and Rosa Juuti on the right. The Kapseli link is highlighted with a blue background. Below the navigation bar, there is a blue banner with the text "Findata's e-service" and a description of the service. On the right side of the banner, there is a dropdown menu with three options: "New order", "Update order", and "My orders". The "New order" option is highlighted with a red border.

FINDATA Home | New Application ▾ | My Permits | **Kapseli ▾** | English ▾ | Rosa Juuti, ▾

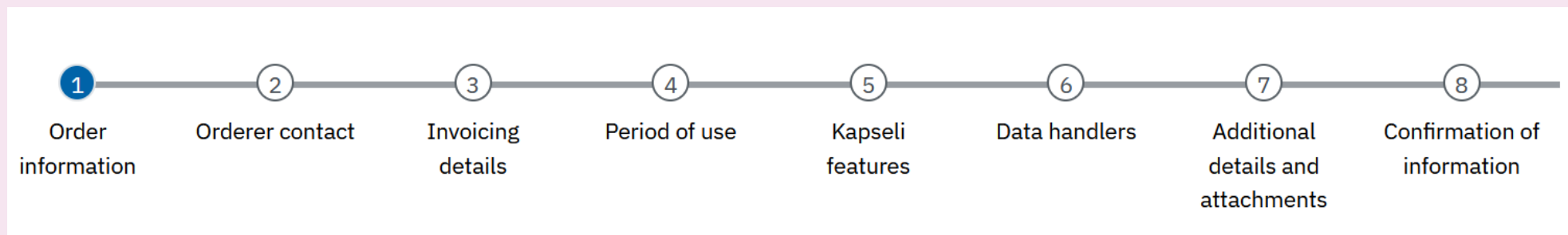
Findata's e-service

In this service, you can apply for data permits for the secondary use of Finnish social and health care data and submit data requests for statistical-level data. You can also apply changes to existing permits, view your applications and decisions with their attachments, and manage orders related to the Kapseli secure processing environment.

- New order
- Update order
- My orders

Kapseli-orders tilaukset

- Kapseli can be ordered
 - Based on a data permit decision or an amendment decision made by Findata
 - Based on a permit issued by an other authority
- The order form and its contents are very similar to the current order form



Kapseli orders

- If you are ordering Kapseli based on an application submitted in the e-service, much of the information for the order can be fetched from your application

If the permit has been granted by Findata, choose right project from the list. 

Rosa 16.2.26

- You can, however, enter invoicing information separately for your Kapseli order even though the information is fetched from the application

Kapseli-tilaukset, aineistonkäsittelijät

- Similarly to current process, access to Kapseli can be granted only to persons listed in the data permit

6 Kapseli users

Data processors under Findata permit

	Name	Organization	Email
☒	Henkilö 1	THL	henkilo@thl.fi
☒	Henkilö UUSI	THL	henkilo@thl.fi
☒	Henkilö 2	THL	henkilo@thl.fi
☒	Henkilö 4	THL	henkilo@thl.fi
☒	Henkilö 3	THL	henkilo@thl.fi

Add person

Kapseli orders in the e-service

- You can download a pdf file of the submitted order
 - Direct views to the application will be available later
- You can submit change orders for accepted Kapseli orders
 - Fields in the change order are filled in automatically based on the information in the accepted order. Only the fields related to the requested changes are to be modified.

Case number	Project Name	Organisation/ Applicant	Contact person	Order arrived	Order accepted	Kapseli opened	Kapseli ID	Application and attachments	Status Reason
	Rosa 20.1.26a	Rosa Juuti						Link to order	Decision issued

Create change order

Thank you!

findata.fi/finhits

info@findata.fi | @FindataFi

