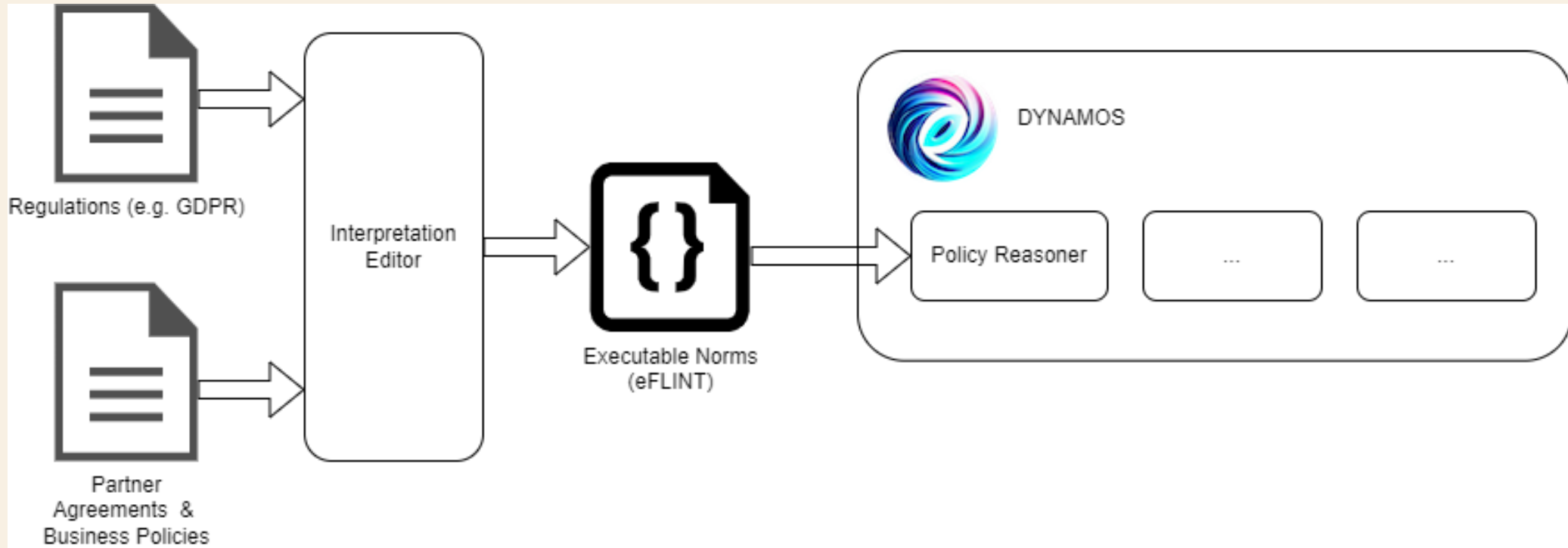


An abstract geometric design on the left side of the slide. It features a dark blue background with various geometric shapes and patterns. A white circle is positioned near the top left. Below it, a light blue semi-circle is visible. To the right of the semi-circle, there is a pink triangle with diagonal lines. Further down, there is a pink square with a pattern of concentric lines. At the bottom, there is a pink triangle with a pattern of concentric lines. The overall design is modern and minimalist.

FLINT DEMONSTRATION

POLICY ENFORCEMENT PIPELINE - MOOI PROJECT

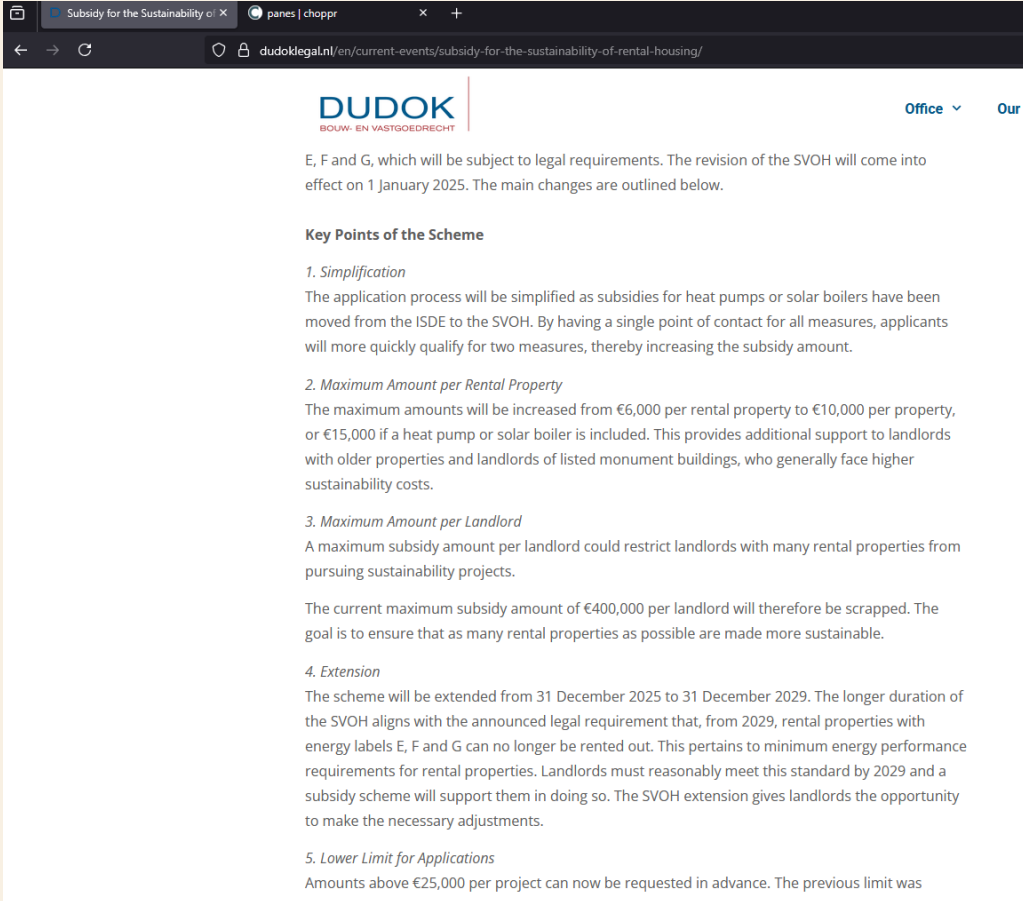


RENTAL HOUSE RENOVATION - SOURCE

5. Lower Limit for Applications

Amounts above €25,000 per project can now be requested in advance. The previous limit was €125,000. Under the old SVOH, the application and granting process differentiated between small projects (subsidy under €125,000) and large projects (subsidy of €125,000 or more). Applications under €125,000 were submitted after the activities had been carried out, while applications of €125,000 or more had to be submitted before the activities took place. The new adjustment lowers the limit to €25,000, allowing landlords to apply for subsidies before carrying out sustainability measures.

<https://dudoklegal.nl/en/current-events/subsidy-for-the-sustainability-of-rental-housing/>



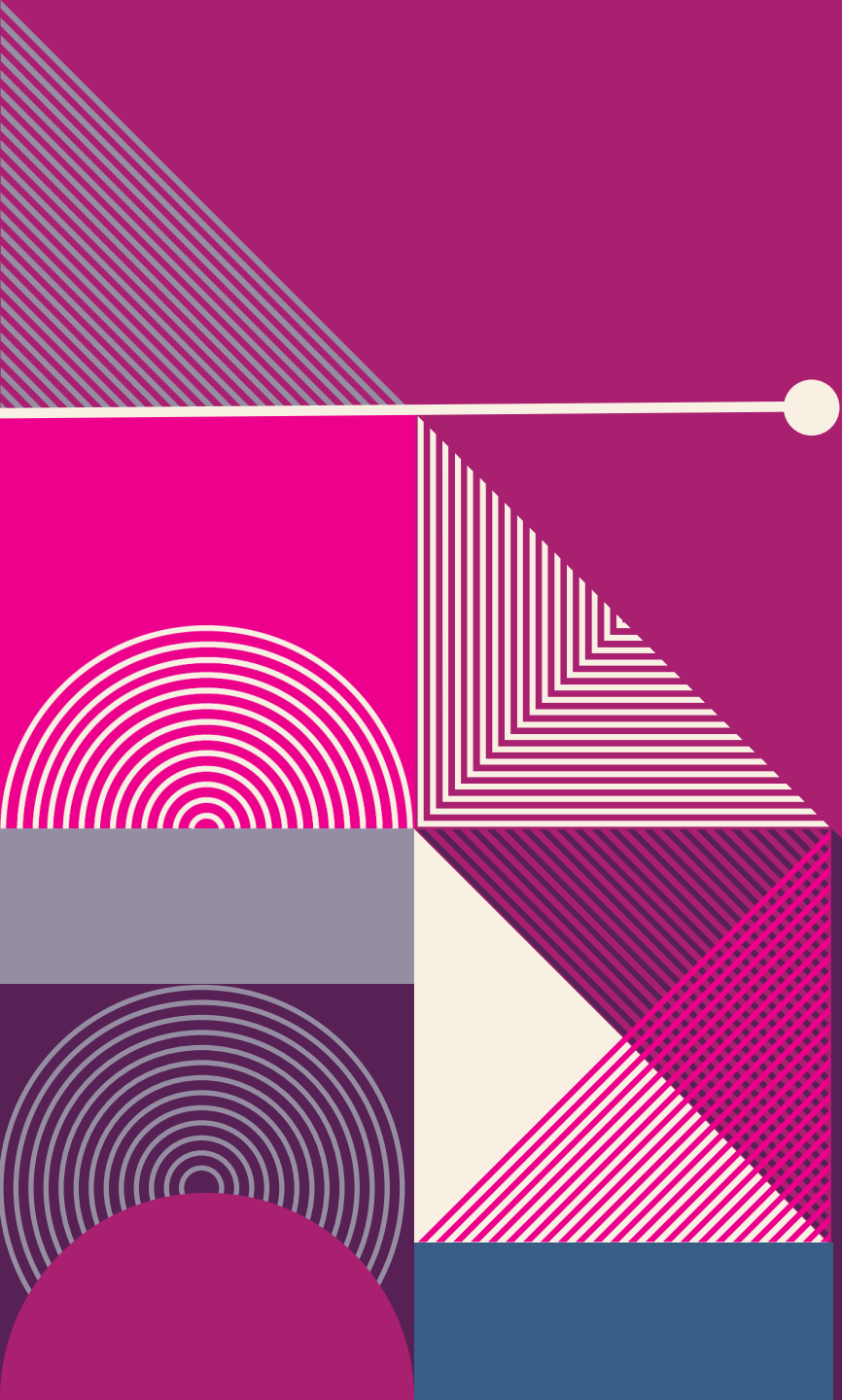
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E, F and G, which will be subject to legal requirements. The revision of the SVOH will come into effect on 1 January 2025. The main changes are outlined below.

Key Points of the Scheme

- 1. Simplification**
The application process will be simplified as subsidies for heat pumps or solar boilers have been moved from the ISDE to the SVOH. By having a single point of contact for all measures, applicants will more quickly qualify for two measures, thereby increasing the subsidy amount.
- 2. Maximum Amount per Rental Property**
The maximum amounts will be increased from €6,000 per rental property to €10,000 per property, or €15,000 if a heat pump or solar boiler is included. This provides additional support to landlords with older properties and landlords of listed monument buildings, who generally face higher sustainability costs.
- 3. Maximum Amount per Landlord**
A maximum subsidy amount per landlord could restrict landlords with many rental properties from pursuing sustainability projects.
The current maximum subsidy amount of €400,000 per landlord will therefore be scrapped. The goal is to ensure that as many rental properties as possible are made more sustainable.
- 4. Extension**
The scheme will be extended from 31 December 2025 to 31 December 2029. The longer duration of the SVOH aligns with the announced legal requirement that, from 2029, rental properties with energy labels E, F and G can no longer be rented out. This pertains to minimum energy performance requirements for rental properties. Landlords must reasonably meet this standard by 2029 and a subsidy scheme will support them in doing so. The SVOH extension gives landlords the opportunity to make the necessary adjustments.
- 5. Lower Limit for Applications**
Amounts above €25,000 per project can now be requested in advance. The previous limit was €125,000. Under the old SVOH, the application and granting process differentiated between small

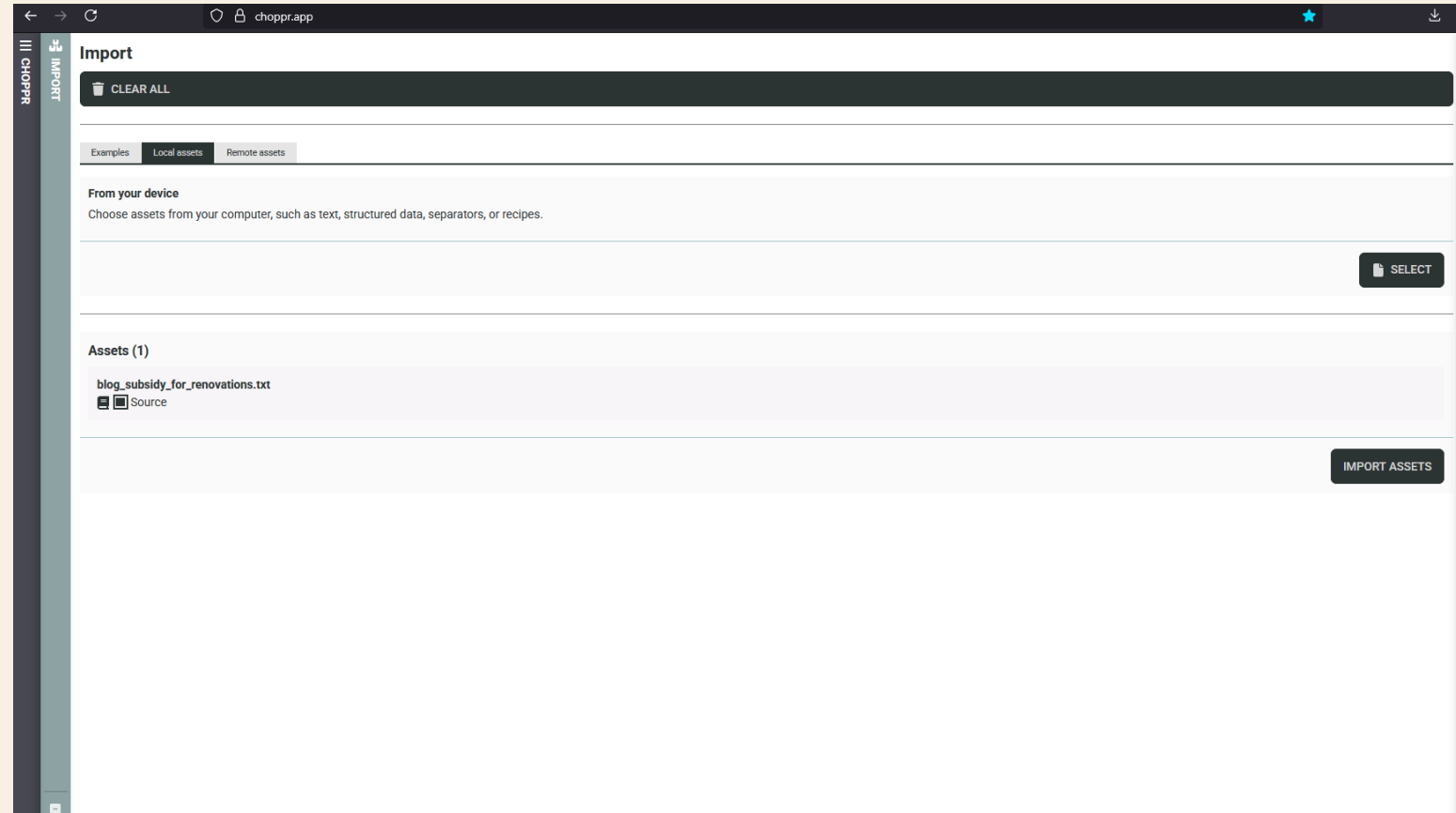


NATURAL LANGUAGE TEXT PREPARATION

<https://choppr.app/>

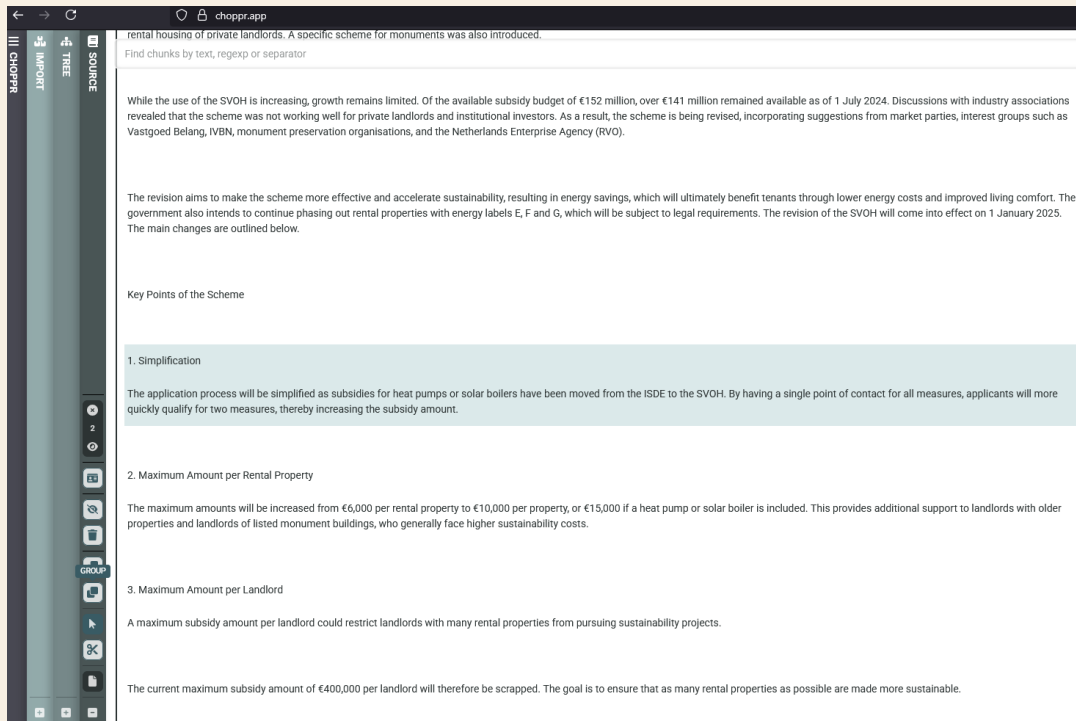
SOURCE DECOMPOSITION - CHOPPR

- Convert a document into an RDF representation
- Enhanced with information about the structure of the document
- <https://choppr.app/>



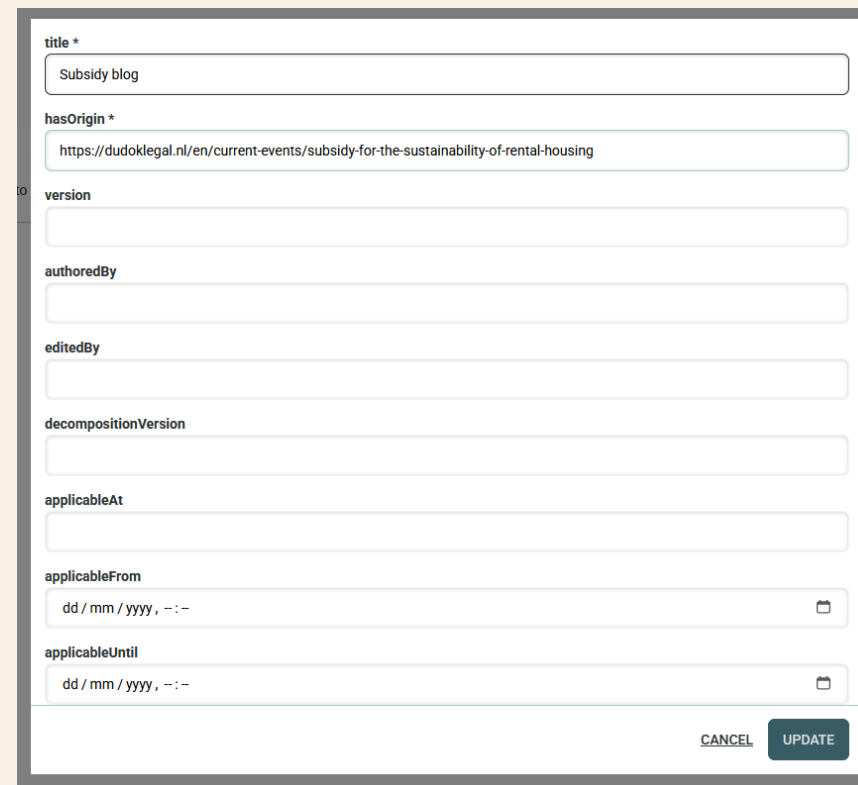
SOURCE DECOMPOSITION - GROUP SECTIONS

- Optionally group sections



The screenshot shows the choppr.app interface. On the left is a sidebar with icons for 'TREE', 'SOURCE', 'IMPORT', and 'CHOPPR'. The main area displays a document titled 'rental housing of private landlords. A specific scheme for monuments was also introduced.' Below the title is a search bar 'Find chunks by text, regexp or separator'. The document content includes a paragraph about the SVOH budget, a paragraph about the revision's goals, and a section titled 'Key Points of the Scheme' with three numbered items: 1. Simplification, 2. Maximum Amount per Rental Property, and 3. Maximum Amount per Landlord. Each item has a brief description of the change.

- Save to file



The screenshot shows a form for saving a document to a file. The form has several fields: 'title *' with the value 'Subsidy blog', 'hasOrigin *' with the value 'https://dudoklegal.nl/en/current-events/subsidy-for-the-sustainability-of-rental-housing', 'version', 'authoredBy', 'editedBy', 'decompositionVersion', 'applicableAt', 'applicableFrom' (with a date picker set to 'dd / mm / yyyy , --:--'), and 'applicableUntil' (with a date picker set to 'dd / mm / yyyy , --:--'). At the bottom right are 'CANCEL' and 'UPDATE' buttons.

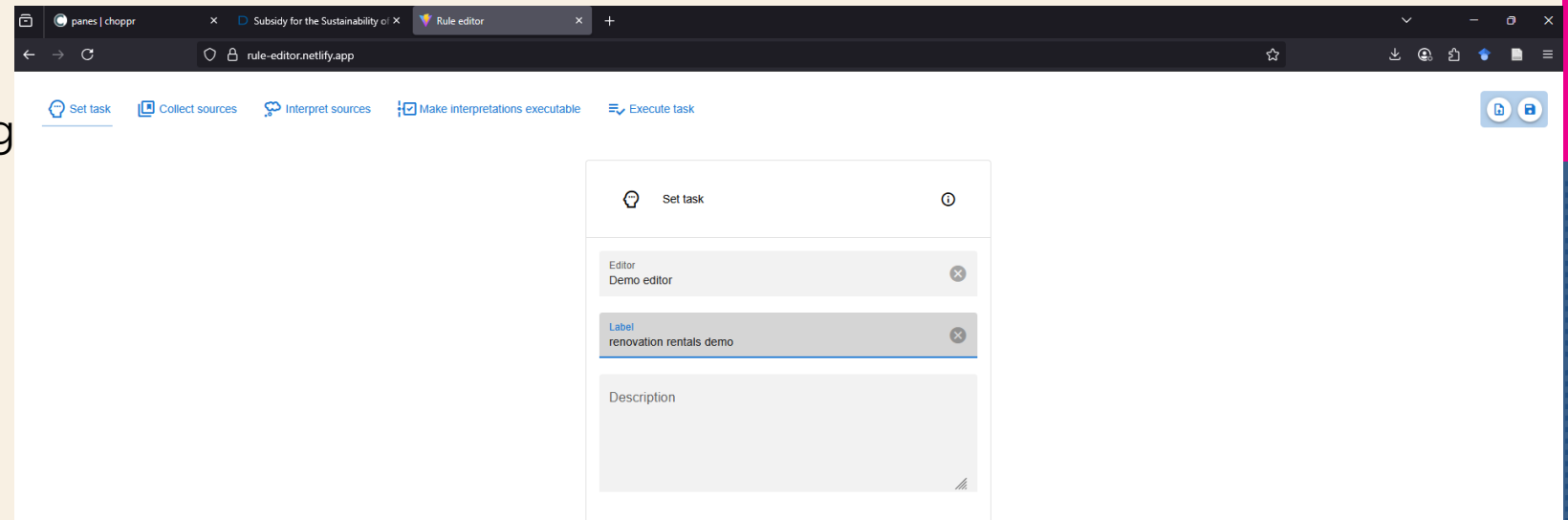


RULE INTERPRETATION AND EDITING

<https://rule-editor.netlify.app/>

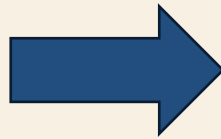
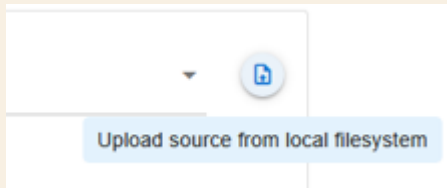
RULE EDITOR - SETUP

- Rule editor interface for analyzing and structuring rules
- Takes as input the decomposed source document
- <https://rule-editor.netlify.app/>



RULE EDITOR - UPLOAD FILE

- Load JSON from filesystem
- Select segments to analyze

A screenshot of the 'Rule Editor' interface. At the top, there are two tabs: 'Add source from server' and 'Add source from Triply'. Below the tabs, the left sidebar shows 'SUBSIDY BLOG'. The main area contains a list of rules with checkboxes and expand/collapse icons. The rules are: '4. Extension' (unchecked), '5. Lower Limit for Applications' (checked), and '6. Split Properties' (unchecked). The text for rule 5 is expanded, showing details about the subsidy limit adjustment.

Submenu: Add source from server | Add source from Triply

SUBSIDY BLOG

SELECT ALL **DESELECT ALL**

- ☐ 4. Extension
- ☐ The scheme will be extended from 31 December 2025 to 31 December 2029. The longer duration of the SVOH aligns with the announced legal requirement that, from 2029, rental properties with energy labels E, F and G can no longer be rented out. This pertains to minimum energy performance requirements for rental properties. Landlords must reasonably meet this standard by 2029 and a subsidy scheme will support them in doing so. The SVOH extension gives landlords the opportunity to make the necessary adjustments.
- ☒ 5. Lower Limit for Applications
 - ☒ Amounts above €25,000 per project can now be requested in advance. The previous limit was €125,000. Under the old SVOH, the application and granting process differentiated between small projects (subsidy under €125,000) and large projects (subsidy of €125,000 or more). Applications under €125,000 were submitted after the activities had been carried out, while applications of €125,000 or more had to be submitted before the activities took place. The new adjustment lowers the limit to €25,000, allowing landlords to apply for subsidies before carrying out sustainability measures.
- ☐ 6. Split Properties

RULE EDITOR – RENOVATION SUBSIDY

In the **old regulation** landlords can request subsidy:

- Before the renovations if the cost is above €125.000
- After renovations if the cost is below €125.000

In the **new regulation** landlords can request subsidy:

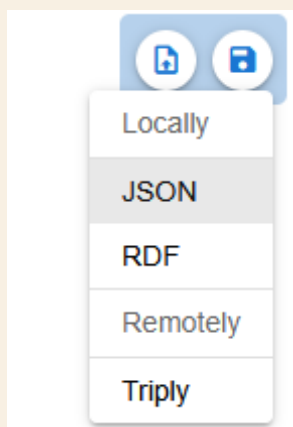
- Before the renovations if the cost is above €25.000
- After renovations if the cost is below €25.000

5. Lower Limit for Applications

Amounts above €25,000 per project can now be requested in advance. The previous limit was €125,000. Under the old SVOH, the application and granting process differentiated between small projects (subsidy under €125,000) and large projects (subsidy of €125,000 or more). Applications under €125,000 were submitted after the activities had been carried out, while applications of €125,000 or more had to be submitted before the activities took place. The new adjustment lowers the limit to €25,000, allowing landlords to apply for subsidies before carrying out sustainability measures.

RULE EDITOR - ANALYSIS

- Identify and edit entities and relationships
- Save FLINT code to file



The interface shows the 'Source' panel on the left with a document icon and the text 'SUBSIDY BLOG'. Below it, a section titled '5. Lower Limit for Applications' contains a paragraph of text with several underlined phrases: '€25,000', 'old SVOH', 'the application', 'granting process', 'subsidy of €125,000 or more', 'Applications under €125,000', 'submitted after the activities had been carried out', 'while applications of €125,000 or more had to be submitted before the activities took place', 'The new adjustment lowers the limit to €25,000', 'allowing landlords to apply for subsidies before carrying out sustainability measures'.

The 'Frames' panel on the right shows a search bar 'Filter frames on label' and a 'View as' dropdown set to 'List'. Below this, the rule is analyzed into components: 'Act' (request subsidy (old regulation) old SVOH, the application land...), 'Claim-duty' (request subsidy (New regulation) new adjustment landlords Aut...), 'Fact' (Agent: landlords, Authority (minister); Action: request subsidy; Object: (old regulation) old SVOH, the application, (New regulation) new adjustment; Duty: process the application; Condition: €125,000 or more, above €25,000, under €125,000, under €25,000, after the activities had been carried out, submitted before the activities took place).

RULE EDITOR - OLD REGULATION

In the **old regulation** landlords can request subsidy:

- Before the renovations if the cost is above €125.000
- After renovations if the cost is below €125.000

The screenshot shows the 'Edit' interface for a rule. At the top, there are buttons for 'Add: ACT', 'CLAIM-DUTY', and 'FACT'. The 'Editing:' section on the left shows a list of rules, with 'requ...' selected. The main area displays the details for the 'ACT' rule. The 'Short name' is 'request subsidy (old regulation) old SVOH, the applic' and the 'Full name' is 'request subsidy (old regulation) old SVOH, the application landlords Authority (minister)'. Below this, there are fields for 'Action' (request subsidy), 'Actor' (landlords), 'Object' ((old regulation) old SVOH, the application), and 'Recipient' (Authority (minister)). A red box highlights the 'Precondition' section, which contains a dropdown menu 'Pick a function or' and an 'ADD CHILD' button. Below the 'Precondition' section is the 'Postcondition' section, which contains a dropdown menu 'Pick a function and' and an 'ADD CHILD' button. At the bottom right, there are 'DELETE' and 'CLOSE' buttons. The frame ID is 18d945ea-d419-400f-a494-20e9c343fbb3.

This image shows a detailed view of the 'Precondition' section. It features a dropdown menu 'Pick a function or' and an 'ADD CHILD' button. Below this, there are three rows of conditions, each with a dropdown menu 'Pick a function and' and an 'ADD CHILD' button. The first row contains the condition '€125,000 or more'. The second row contains the condition 'submitted before the activities took place'. The third row contains the condition 'under €125,000'. The fourth row contains the condition 'after the activities had been carried out'. Each condition is followed by a red 'X' icon and a list icon.

RULE EDITOR - NEW REGULATION

In the **new regulation** landlords can request subsidy:

- Before the renovations if the cost is above €25.000
- After renovations if the cost is below €25.000

Edit

Add: **ACT** **CLAIM-DUTY** **FACT**

Editing:

- requ...

ACT

Short name
request subsidy (old regulation) old SVOH, the applic

Full name
request subsidy (old regulation) old SVOH, the application landlords Authority (minister)

Action: request subsidy

Actor: landlords

Object: (old regulation) old SVOH, the application

Recipient: Authority (minister)

Precondition

Pick a function or

ADD CHILD

Postcondition

Creates: process the application

Terminates

DELETE CLOSE

Frame id: 18d945ea-d419-400f-a494-20e9c343fbb3

Precondition

Pick a function or

ADD CHILD

Pick a function and

ADD CHILD

€125,000 or more

submitted before the activities took place

Pick a function and

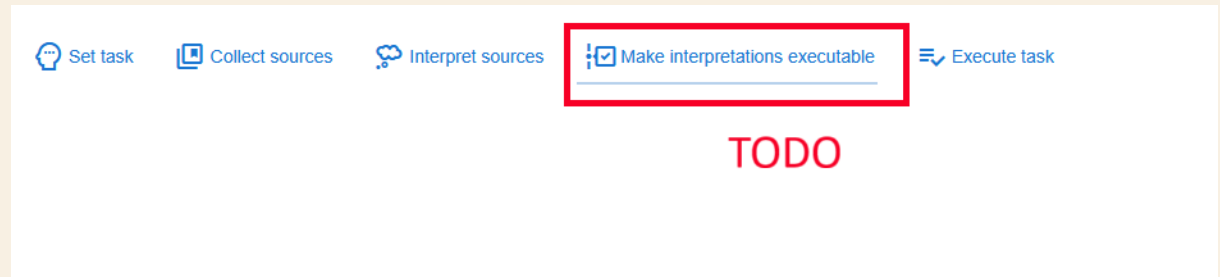
ADD CHILD

under €125,000

after the activities had been carried out

NEXT STEPS

- Transform FLINT norms to executable (eFLINT)
- Integrate eFLINT reasoner with DYNAMOS





THANK YOU

Sources:

<https://choppr.app/>

<https://rule-editor.netlify.app/>