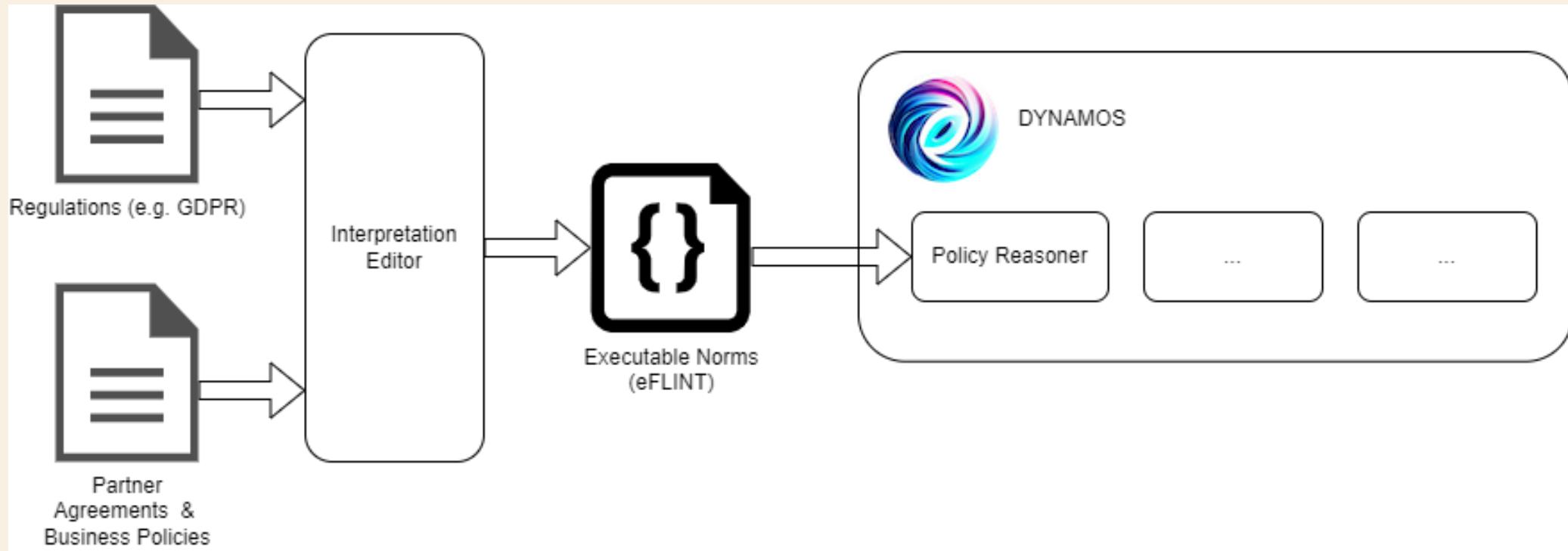




FLINT DEMONSTRATION

POLICY ENFORCEMENT PIPELINE - MOOI PROJECT

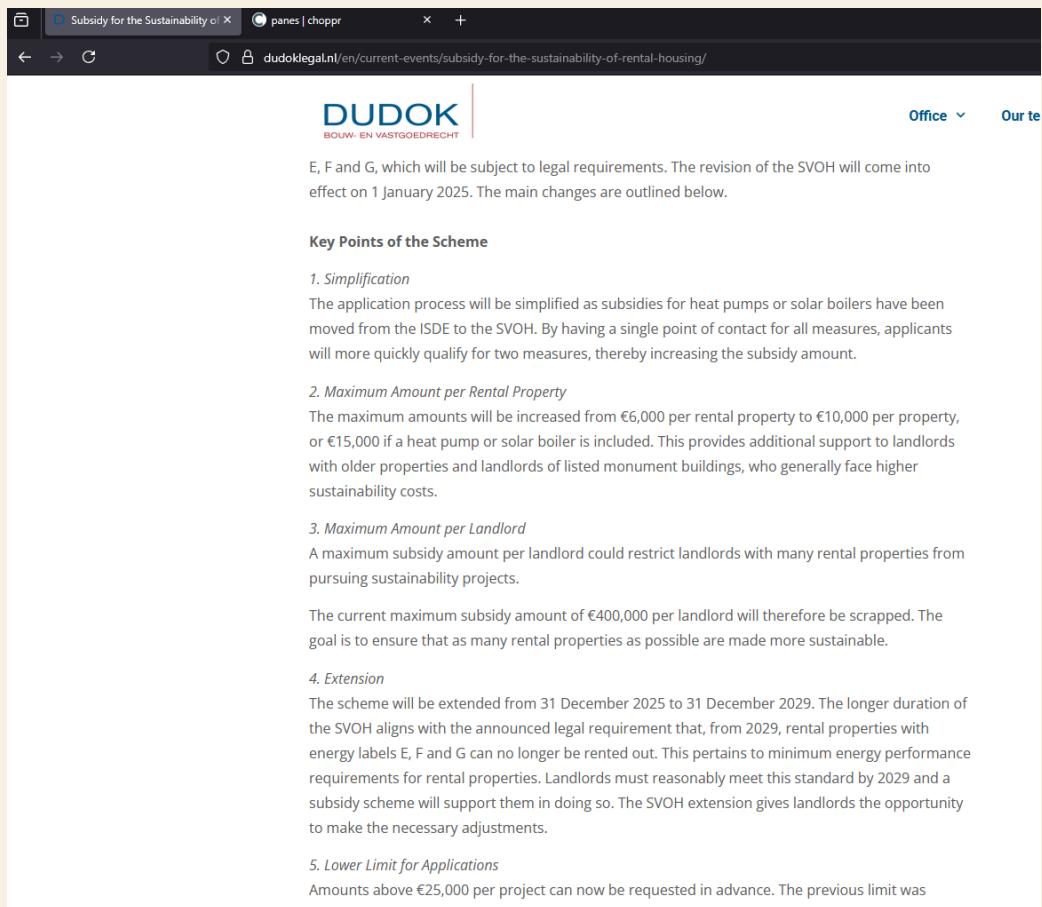


RENTAL HOUSE RENOVATION - SOURCE

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/>



The screenshot shows a web browser window with the URL dudoklegal.nl/en/current-events/subsidy-for-the-sustainability-of-rental-housing/. The page is titled "Subsidy for the Sustainability of Rental Housing". It features the DUDOK logo and navigation links for "Office" and "Our team". The main content discusses changes to the SVOH scheme, specifically lowering the lower limit for applications from €125,000 to €25,000. It highlights five key points of the scheme: Simplification, Maximum Amount per Rental Property, Maximum Amount per Landlord, Extension, and Lower Limit for Applications. The page also includes a note about legal requirements and energy performance standards.

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 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.

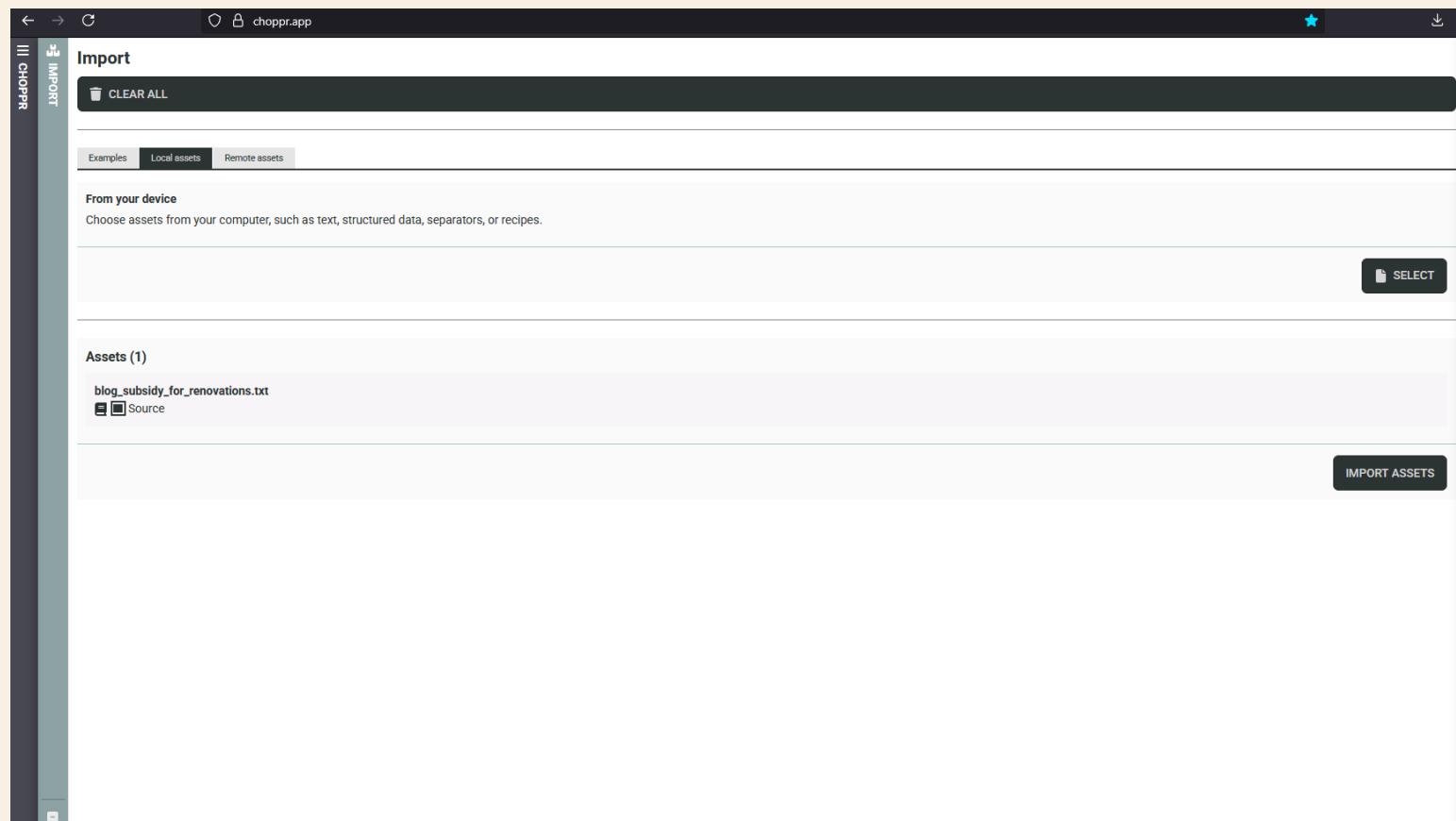
A complex abstract graphic on the left side of the slide consists of several overlapping and nested geometric shapes. It includes concentric circles in shades of pink and grey, a large triangle composed of many smaller triangles, and a square divided into quadrants with different patterns: solid pink, diagonal stripes, and a grid. A small white circle is connected by a thin white line to the top edge of the slide.

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
- Save to file

The screenshot shows the choppr.app interface. On the left is a sidebar with buttons for IMPORT, TREE, SOURCE, GROUP, and EXPORT. The main area displays a document with the following content:

rental housing of private landlords. A specific scheme for monuments was also introduced.

While the use of the SVOH is increasing, growth remains limited. Of the available subsidy budget of €152 million, over €141 million remained available as of 1 July 2024. Discussions with industry associations revealed that the scheme was not working well for private landlords and institutional investors. As a result, the scheme is being revised, incorporating suggestions from market parties, interest groups such as Vastgoed Belang, IVBN, monument preservation organisations, and the Netherlands Enterprise Agency (RVO).

The revision aims to make the scheme more effective and accelerate sustainability, resulting in energy savings, which will ultimately benefit tenants through lower energy costs and improved living comfort. The government also intends to continue phasing out rental properties with energy labels 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.
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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.

This screenshot shows a form for decomposing a source document. The fields are as follows:

- title ***: Subsidy blog
- hasOrigin ***: <https://dudoklegal.nl/en/current-events/subsidy-for-the-sustainability-of-rental-housing>
- version**: (empty)
- authoredBy**: (empty)
- editedBy**: (empty)
- decompositionVersion**: (empty)
- applicableAt**: (empty)
- applicableFrom**: dd / mm / yyyy, --:--
- applicableUntil**: dd / mm / yyyy, --:--

At the bottom right are **CANCEL** and **UPDATE** buttons.

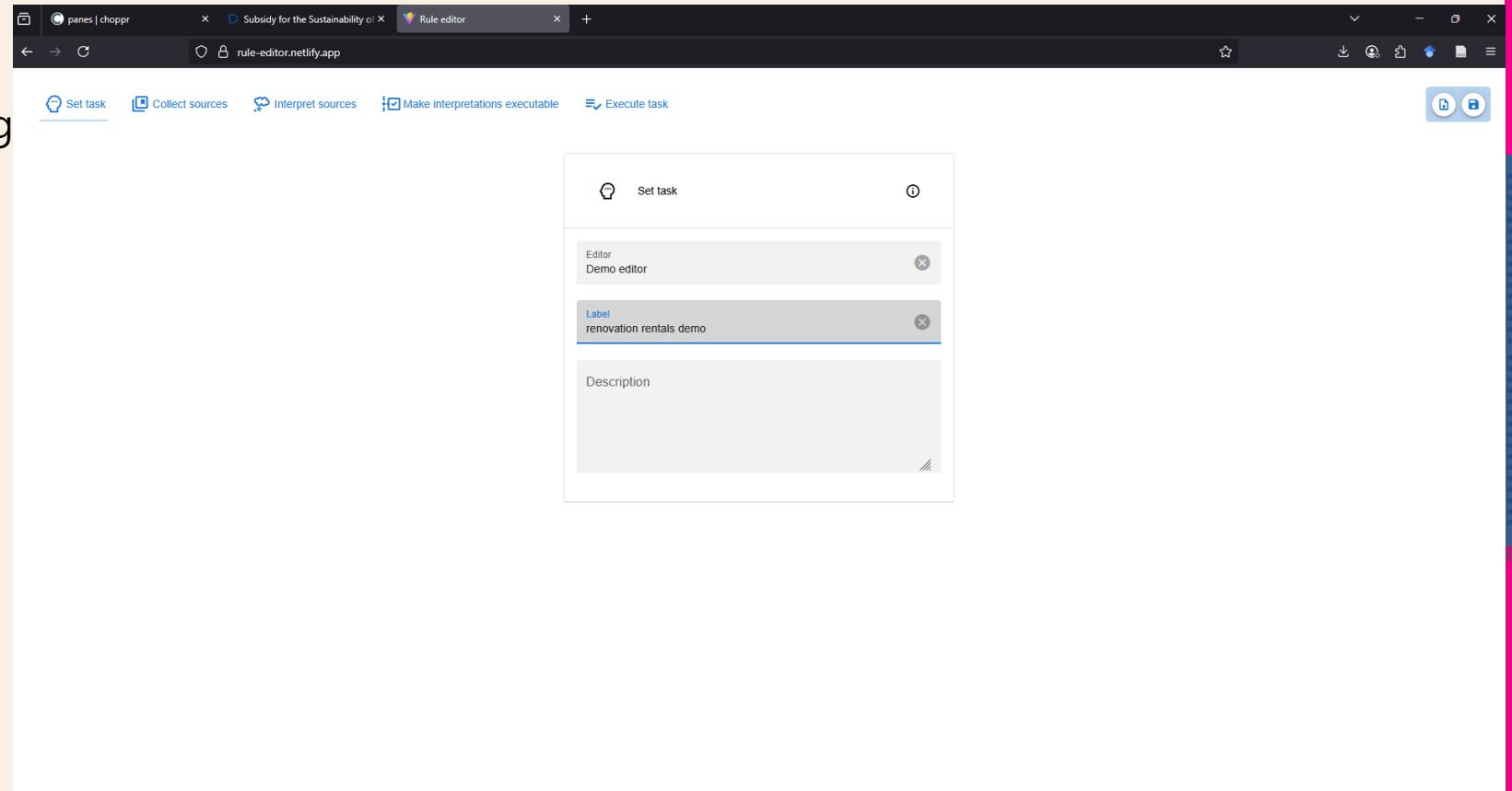


RULE INTERPRETATION AND EDITING

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

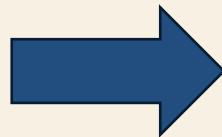
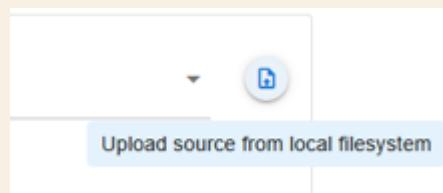
RULE EDITOR - SETUP

- 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



The screenshot shows the "Rule Editor - UPLOAD FILE" interface. At the top, there are two buttons: "Add source from server" and "Add source from Triply". Below these buttons is a section titled "SUBSIDY BLOG" with "SELECT ALL" and "DESELECT ALL" buttons. The main area displays several numbered sections with checkboxes:

- 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:

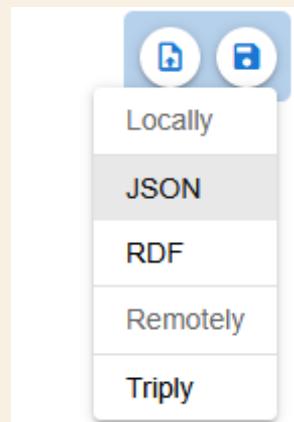
- Before the renovations if the cost is above €25.000
- After renovations if the cost is below €25.000

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



Set task Collect sources Interpret sources Make interpretations executable Execute task

Source Frames

SUBSIDY BLOG

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.

View as: List Network Filter frames on label

Act
request subsidy (old regulation) old SVOH, the application landl...
request subsidy (New regulation) new adjustment landlords Aut...

Claim-duty

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 Rule Editor interface with the following details:

- Top Bar:** Edit mode, Add: ACT, CLAIM-DUTY, FACT.
- Editing:** request subsidy (old regulation)
- ACT Details:**
 - Short name: request subsidy (old regulation) old SVOH, the application
 - 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:** A red box highlights the "Precondition" section, which contains:
 - Pick a function or ADD CHILD
 - Condition: €125,000 or more
 - Condition: submitted before the activities took place
- Postcondition:**
 - Creates: process the application
 - Terminates: (no listed)
- Buttons:** DELETE, CLOSE, Frame id: 18d945ea-d419-400f-a494-20e9c343fb3
- Right Panel (Precondition tree):**
 - Root node: Pick a function or ADD CHILD
 - Condition: €125,000 or more
 - Condition: submitted before the activities took place
 - Second level nodes:
 - Condition: under €125,000
 - Condition: after the activities had been carried out

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

The screenshot shows the 'Edit' screen of a rule editor. At the top, there are buttons for 'Add: ACT', 'CLAIM-DUTY', and 'FACT'. Below this, the 'Editing:' section shows a radio button selected for 'req...'. The main area displays an 'ACT' entry with the following details:

- 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)

A red box highlights the 'Precondition' section, which contains a dropdown menu with 'Pick a function OR' and an 'ADD CHILD' button. A large red arrow points from this section to the right-hand panel.

Precondition

- Pick a function or
- ADD CHILD

Postcondition

- Creates process the application
- Terminates

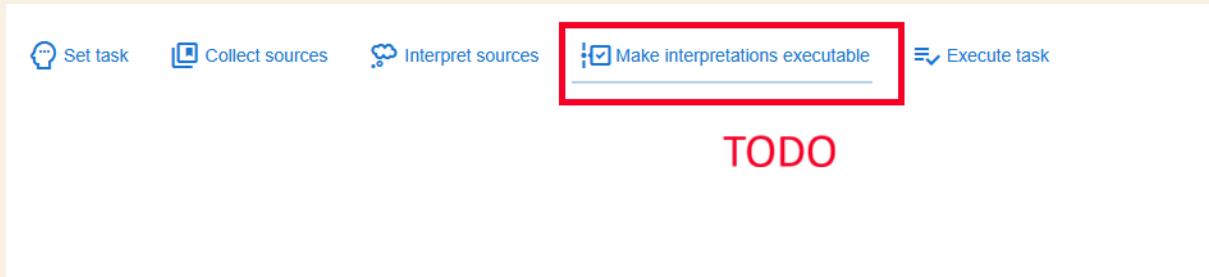
Frame id: 18d945ea-d419-400f-a494-20e9c343fb3

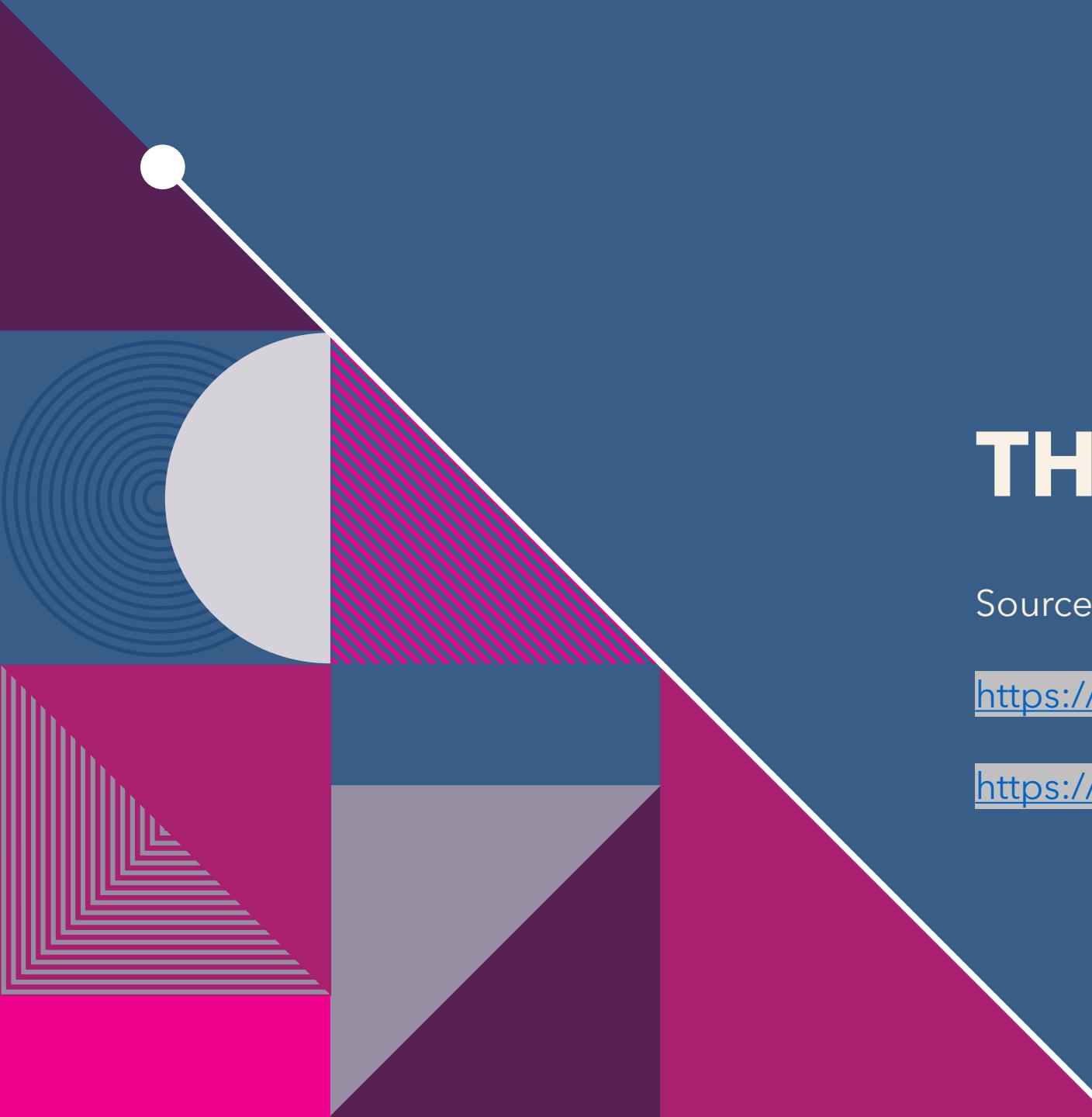
The right-hand panel shows the detailed structure of the 'Precondition' logic:

- Pick a function or
 - Pick a function and
 - €125,000 or more
 - submitted before the activities took place
- Pick a function and
 - 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/>