

# INVERT

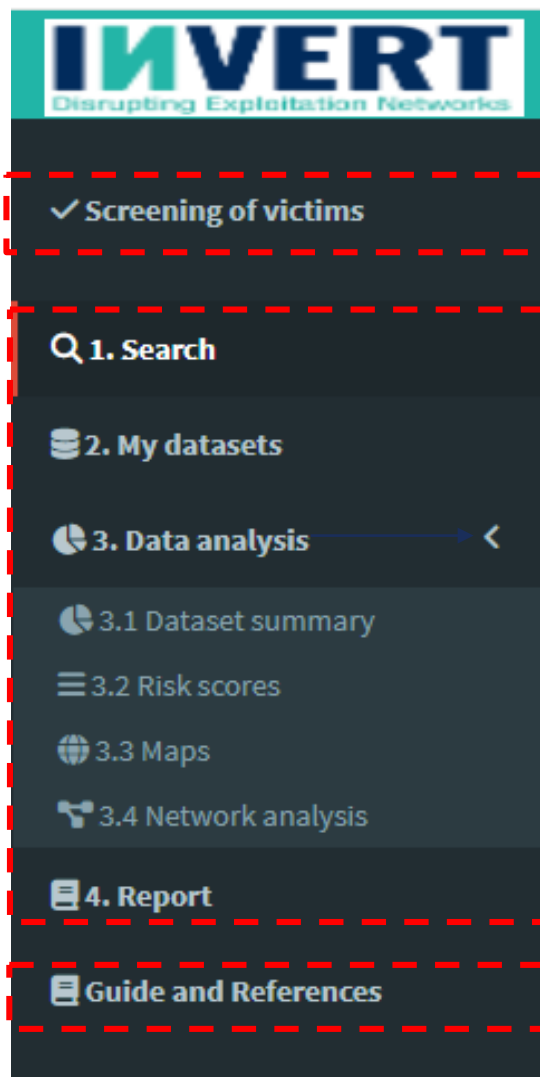
**Identifying compaNies and Victims in the Exploitation phase to disRupt the financial business model of adult and child labour Trafficking**

*Training on the INVERT suite*

Università Cattolica del Sacro Cuore  
Transcrime – Joint Research Centre on Innovation and Crime

# Tool for the screening of legal companies

# Menu and main functionalities



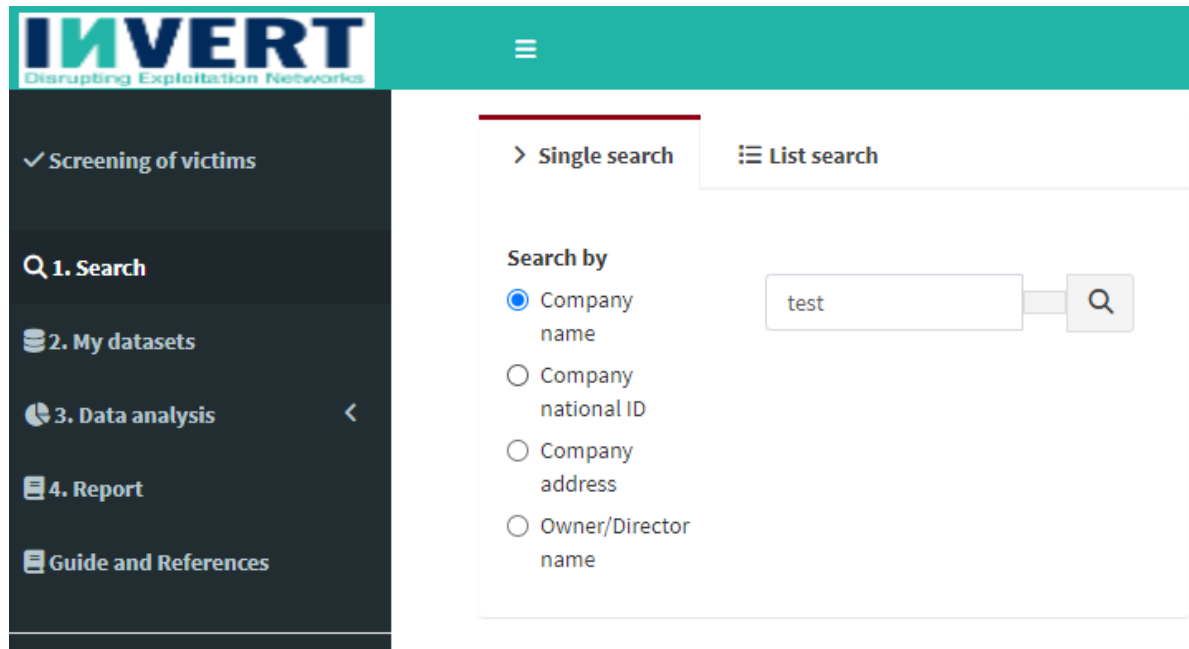
→ a) Open the form for the **screening of potential victims**

→ b) Open the tool for the **identification of legal companies** involved in labour exploitation

→ c) **User guide** (fully available at the end of the project)

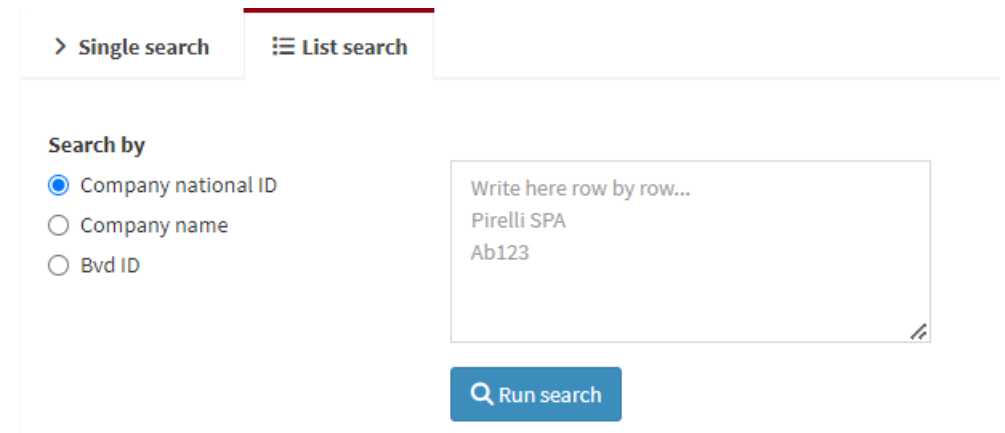
# Tool for searching legal companies

- Search by company or owner name, national ID, address



The screenshot shows the INVERT web application interface. The header includes the logo "INVERT Disrupting Exploitation Networks" and a menu icon. A dark sidebar on the left contains navigation items: "Screening of victims", "1. Search", "2. My datasets", "3. Data analysis", "4. Report", and "Guide and References". The main content area has two tabs: "Single search" (selected) and "List search". Under "Single search", there is a "Search by" section with radio buttons for "Company name", "Company national ID", "Company address", and "Owner/Director name". The "Company name" option is selected, and a search input field contains the text "test" with a search icon to its right.




- Possibility to search multiple companies through the «List search» function



The screenshot shows the "List search" tab selected in the INVERT application. The "Search by" section has radio buttons for "Company national ID", "Company name", and "Bvd ID". The "Company national ID" option is selected. To the right, there is a large text input area with the placeholder text "Write here row by row...". Below the input area, there is a blue button labeled "Run search".

# Output of the searching function and creation of datasets

- The output of each research is a list of company with the respective matching scores and details
- Click on + to add the companies of interest to a list

Actions	Score	Matching company	Status	Geo info	Other info
	93	<b>AMAZON ITALIA TRANSPORT S.R.L.</b> Bvd ID: IT09598330968 National ID: MI2100932	Active	Country: IT Region: Lombardia   Milano City: MILANO	Postcode: 20124 Address: VLE MONTE GRAPPA 3/5 Phone / Fax: NA Website / Mail: www.amazon.it
	93	<b>AMAZON ITALIA LOGISTICA S.R.L.</b> Bvd ID: IT07231660965 National ID: MI1945153	Active	Country: IT Region: Lombardia   Milano City: MILANO	Postcode: 20124 Address: VLE MONTE GRAPPA 3/5 Phone / Fax: +39 052373571 Website / Mail: amazon.it
	93	<b>AMAZON ITALIA SERVICES S.R.L.</b> Bvd ID: IT07231500963 National ID: MI1945145	Active	Country: IT Region: Lombardia   Milano City: MILANO	Postcode: 20124 Address: VLE MONTE GRAPPA 3/5 Phone / Fax: NA




Matching score


Status of the company  
(active, dissolved, in  
liquidation, merged,...)


# Output of the searching function and creation of datasets


- Repeat the research and add companies to the list as many times as you need
- From the «Companies list», create a dataset with the companies you want to analyse (or add to an existing dataset)
- Remember to clean your list if you want to create a new dataset by deleting previous results

## Companies list

Actions	Score	Selected company	Status	Geo info	Other info
	93	<b>AMAZON ITALIA TRANSPORT S.R.L.</b> Bvd ID: IT09598330968 National ID: MI2100932	Active	Country: IT Region: Lombardia   Milano City: MILANO	Postcode: 20124 Address: VLE MONTE GRAPPA 3/5 Phone / Fax: NA Website / Mail: www.amazon.it
	93	<b>AMAZON ITALIA LOGISTICA S.R.L.</b> Bvd ID: IT07231660965 National ID: MI1945153	Active	Country: IT Region: Lombardia   Milano City: MILANO	Postcode: 20124 Address: VLE MONTE GRAPPA 3/5 Phone / Fax: +39 052373571 Website / Mail: amazon.it
	93	<b>AMAZON ITALIA SERVICES S.R.L.</b> Bvd ID: IT07231500963 National ID: MI1945145	Active	Country: IT Region: Lombardia   Milano City: MILANO	Postcode: 20124 Address: VLE MONTE GRAPPA 3/5 Phone / Fax: NA Website / Mail: amazon.it

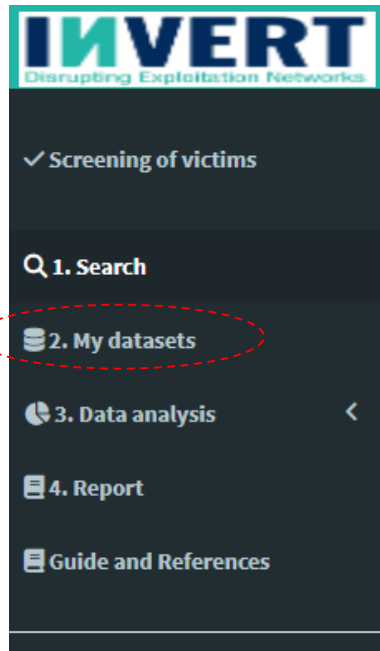
 Create new dataset

 Expand an existing dataset

 Clear list

# My datasets section

- After creating a new dataset you will be requested to add a title and a description
- Once you click confirm, the dataset will be available in section **2. My datasets**
- Select the coloured icons to perform actions on a dataset



**Load:** the dataset will be loaded and you will be able to access the Data analysis and visualization sections.



**Preview:** visualize a general preview of the information included in the dataset



**Edit:** edit the dataset name and description



**Refresh** (yellow): recalculate the risk indicators in the dataset



**Reload** (red): create a new dataset with the same companies

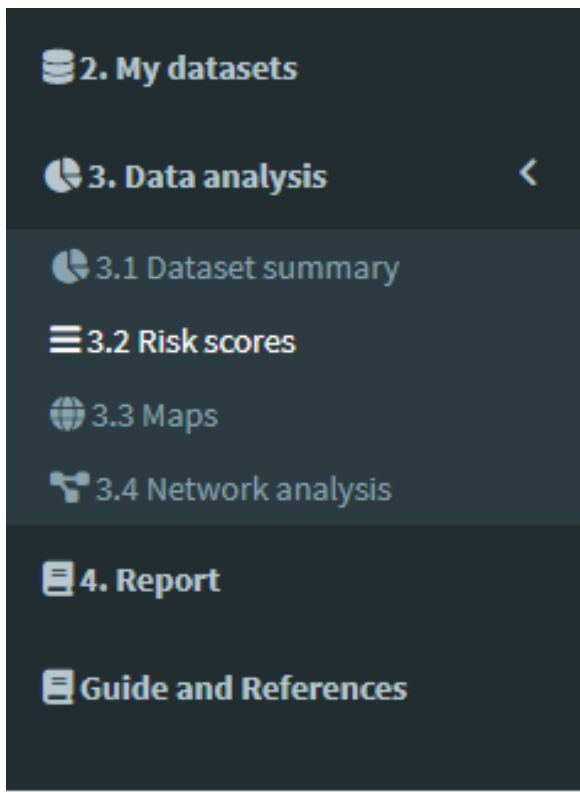


**Delete:** delete the stored dataset

# Data analysis tools - overview

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The Data analysis section allows to analyse the loaded portfolio of companies.



**3.1 Dataset summary:** shows a graphic visualization of the exposure of your portfolio of companies along the risk dimensions shown in 3.2

**3.2 Risk scores:** perform a detailed risk assessment of the companies in your portfolio

**3.3 Maps:** visualize the geographic location of the selected companies and their related entities: shareholders, beneficial owners, subsidiaries, and directors.

**3.4 Network analysis:** visualize in an interactive graph the full ownership and control structure of target companies



# Dataset summary information

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Section **3.1 Dataset summary** allows to:

- check the number of analyzed companies, the number of countries, and mapped entities (BOs, Shareholders, Directors)
- graphically visualize the distribution of the companies across risk indicators and overall risk
- check the numerosity of groups of linked companies identified, e.g., how many companies are linked by the same BOs, same address, etc.

All information is also available more in detail in sections 3.2, 3.3 and 3.4

# Risk assessment and indicators

Through section 3.2 you can perform your risk assessment and check the risk scores on single risk indicators.

Company info	Risk indicators
<b>AMAZON ITALIA LOGISTICA S.R.L.</b> Bvd ID: IT07231660965 VAT Number: 07231660965   07231660965 Country ISO: IT Entity type: Corporate Status: Active	<b>Territory: 5</b> <b>Sector: 5</b> <b>Ownership Structure: 4</b> <b>Other: 5</b>

Click on the information in the table to have additional details on risk indicators and why the score is high/low

Note: risk scale (1-5; 1-3; 0-1) to be defined

### Other Risk Detail

IT02188520544

	Legal form	○ ○ ○ ○ ○	No significant risks identified.
	Recent Incorporation	○ ○ ○ ○ ○	No significant risks identified.



# Risk indicators available – summary (1/2)









Risk factor	Description
<b>Excessive outsourcing</b>	Revenues/employees ratio significantly lower than sectoral average for prolonged periods of time
<b>Low personnel costs</b>	Personnel costs/total costs significantly lower than sectoral average
<b>Previous criminal charges and negative news</b>	Beneficial owners or directors associated with adverse media
<b>Records of previous labor violations</b>	Company sanctioned for labour violations in the past
<b>Exposure to high-risk territories</b>	Company located in an area where it is easier to recruit and employ workers under exploitative conditions
<b>High risk economic sector</b>	Company active in high-risk economic sectors in terms of labor exploitation (construction, agriculture, cleaning services, etc.)
<b>Lack of quality control certifications</b>	No quality controls certifications related to management or workplace safety

# Risk indicators available – summary (2/2)

Risk factor	Description
<b>High risk legal form</b>	Subcontractors with legal forms recurrently involved in fraudulent behaviours
<b>Recent incorporation and short lifespan</b>	Company's overall timespan of activity excessively short to avoid scrutiny
<b>Anomalous geographic concentration</b>	Multiple companies at the same corporate address suggesting absence of real economic activity
<b>Lack of real economic activity and high tax debts</b>	High debts on income and social security contributions compared to sectoral average
<b>Links with bankrupt companies</b>	Prominent figures (beneficial owner, managers, directors) have links with bankrupt companies
<b>Lack of shareholding information</b>	Unavailability of beneficial ownership information suggesting fraudulent behaviour
<b>Anomalous place of residence of prominent figures</b>	Prominent figures within the company residing significantly far from headquarter

# Overall score and additional functions

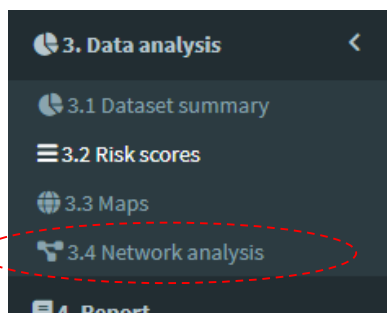
An overall risk score is also available in the same table (scale to be defined)

Overall risk	Analytics
5	   
5	   

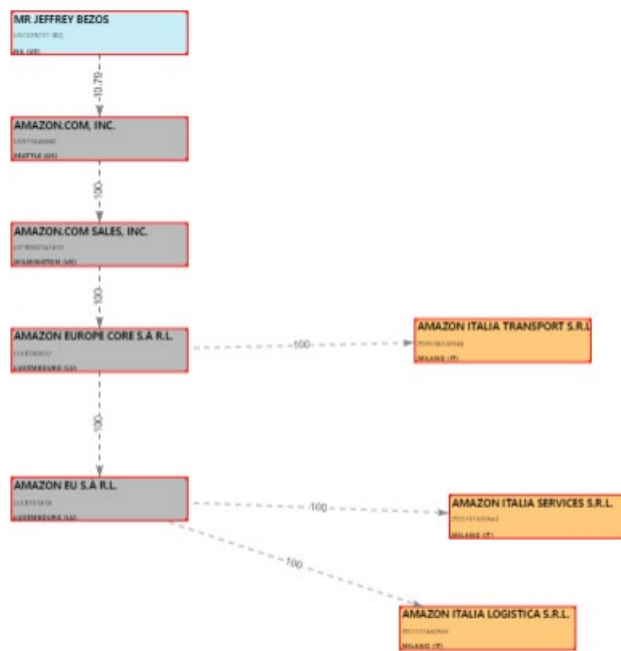
## Additional analytics:

- **Geographical location** of company and related entities
- **Street view** of the registered address
- **Network visualization** (ownership and directorship structure)
- **Download report** for the selected company with all summary information and risk scores (Pdf or Html format)

# Network analysis



The network analysis allows to visualize the vertical and horizontal structure of the companies of interest, the related persons (beneficial owners and directors) and their links



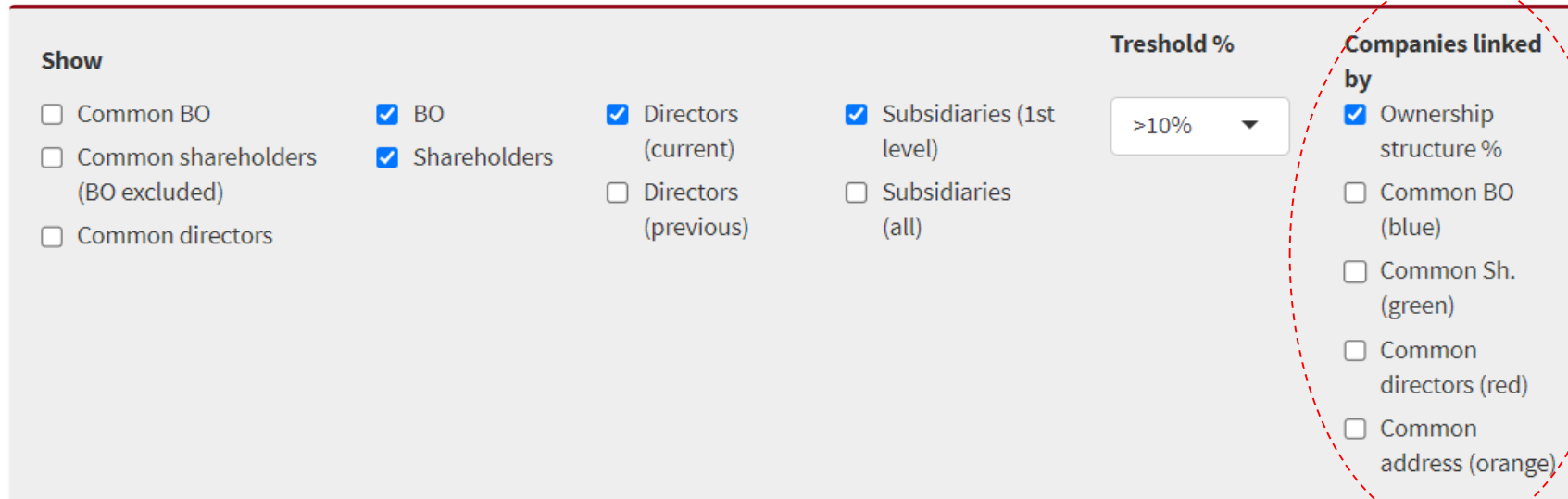
- **Shareholders (grey):** All direct and indirect upstream shareholding links above 1%
- **Beneficial Owners (light blue):** All individuals with direct or indirect control above 10% at each level of shareholding
- **Managers and directors (purple):** individuals with management roles (current or previous)
- **Subsidiaries (light grey):** All direct and indirect downstream ownership links above 1%

# Network analysis

You can interact and modify the visualization of the network by:

- Showing/hiding entities and/or links among companies
- Changing the shareholding threshold
- Zooming in and out

Links between companies are shown as arrows of different colors based on the type of link

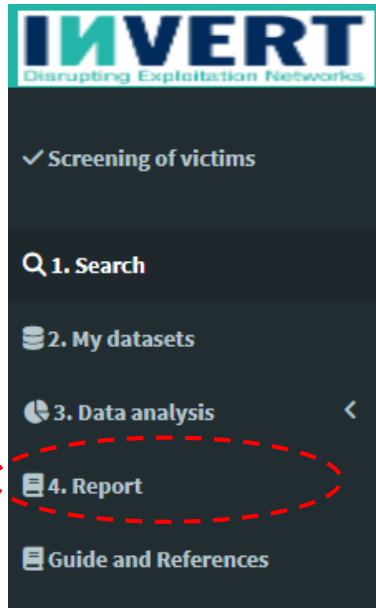


The screenshot shows a settings panel for network analysis. It includes a 'Show' section with checkboxes for 'Common BO', 'Common shareholders (BO excluded)', 'Common directors', 'BO', 'Shareholders', 'Directors (current)', 'Directors (previous)', 'Subsidiaries (1st level)', and 'Subsidiaries (all)'. A 'Threshold %' dropdown is set to '>10%'. A 'Companies linked by' section is circled in red, containing checkboxes for 'Ownership structure %', 'Common BO (blue)', 'Common Sh. (green)', 'Common directors (red)', and 'Common address (orange)'.

Show				Threshold %	Companies linked by
<input type="checkbox"/> Common BO	<input checked="" type="checkbox"/> BO	<input checked="" type="checkbox"/> Directors (current)	<input checked="" type="checkbox"/> Subsidiaries (1st level)	>10%	<input checked="" type="checkbox"/> Ownership structure %
<input type="checkbox"/> Common shareholders (BO excluded)	<input checked="" type="checkbox"/> Shareholders	<input type="checkbox"/> Directors (previous)	<input type="checkbox"/> Subsidiaries (all)		<input type="checkbox"/> Common BO (blue)
<input type="checkbox"/> Common directors					<input type="checkbox"/> Common Sh. (green)
					<input type="checkbox"/> Common directors (red)
					<input type="checkbox"/> Common address (orange)

# Reporting

The **4.Report** section allows to download a report on selected companies in pdf, html or word format



## Company details

### General Information

**Company name:**  
**Legal form:** Limited liability company - SRL  
**National ID:** SR0071604 (CCIAA number); 00745210898 (Codice fiscale); 00745210898 (Partita IVA); IT00745210898 (European VAT number); 815600055EA9BABF6534 (LEI); 00745210898 (TIN)  
**Status:** Active  
**Date of incorporation:** 1984-10-12  
**NACE Rev.2:** E-3812 (Collection of hazardous waste)  
**Share capital:** Euro 6,049,395.02 (2021)  
**Operating revenues:** Euro 21,687,007.81 (2021)  
**Employees:** 89 employees (2021)

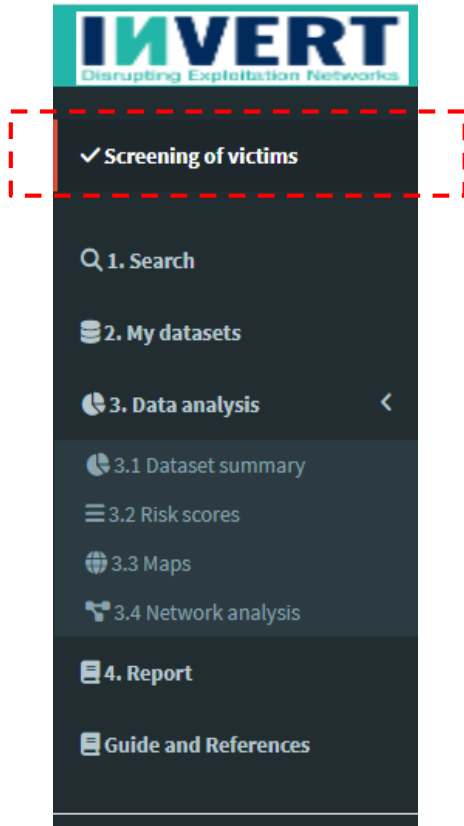
### Geographic information

**Address:**  
**City:** AUGUSTA  
**Postcode:** 96011  
**Region:** ITG19 - Siracusa  
**Country:** IT  
**Number of branches:** 2



# Tool for the screening of potential victims

# Collection of information on potential victims



The functioning of the tool is very intuitive:

- Click on the menu on the left to open the form
- Fill in the required/available information
- Confirm to obtain the count of risk factors present

The form is meant to be used mostly to store data and quickly obtain an overview of the risk factors that should be carefully evaluated and explored.

# Risk areas covered

Risk area	Factors included
<b>General information</b>	Age, nationality, language proficiency, availability of documents and appearance
<b>Migration process and debt-bondage</b>	Reasons for migration, travel process and information on possible debt-bondage situation
<b>Employment and working conditions</b>	Information on sector, employment conditions and safety measures
<b>Housing and control mechanisms</b>	Housing conditions and mechanisms to limit freedom of choice and movement
<b>Special section for children</b>	Schooling, employment and substance abuse information

# Disclaimer

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## Tool for the screening of legal companies:

The tool produces synthetic information on companies of interested and calculates risk scores based on publicly available data.

The information provided needs to be interpreted carefully and **should not substitute**, but rather **integrate** other detailed assessments performed by LEAs and other professionals working on field.

## Tool for the screening of victims:

Interaction with potential victims of trafficking and exploitation is a particularly sensitive issue and every case is unique.

The aim of this tool is **to help end-users gather information on the simultaneous presence of risk factors** to guide further investigations. **It cannot be a substitute for training and good practices.**

While the tool provides a count of the risk factors, **the final assessment should be left to the users.**

# THANK YOU

**For any enquire or request of support  
please contact:**

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