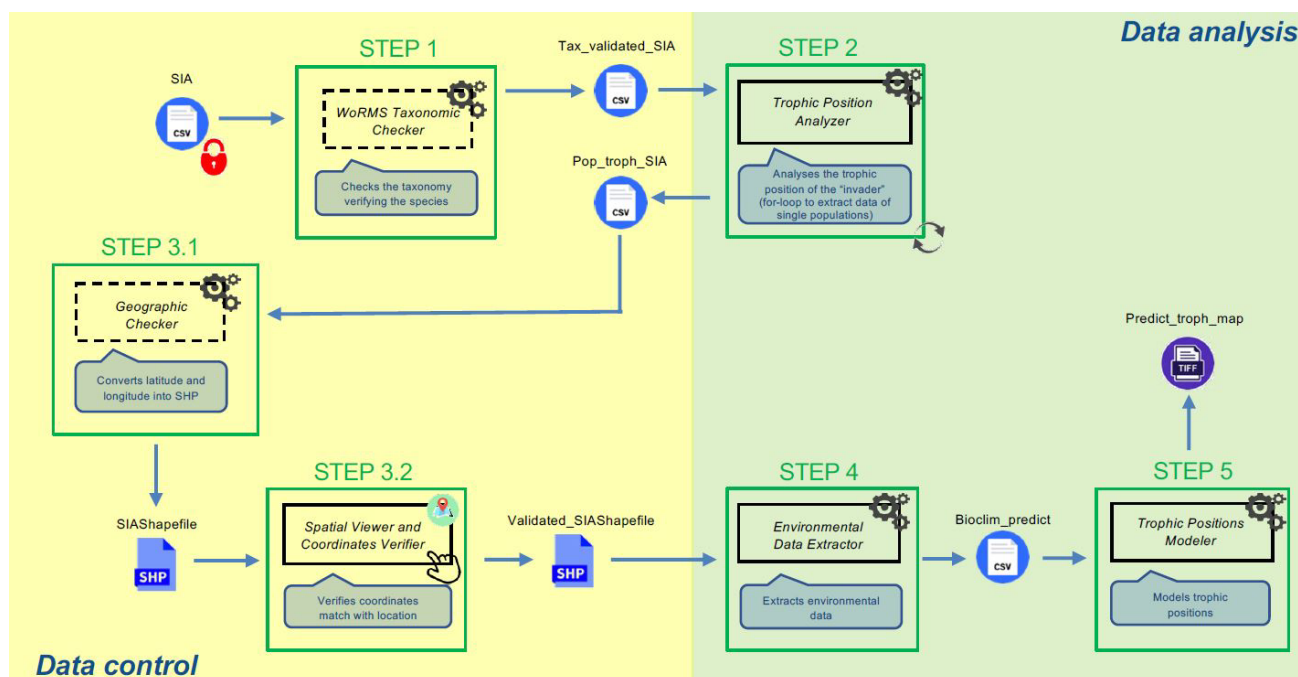
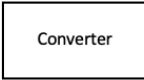
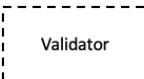
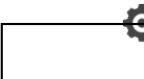
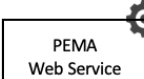
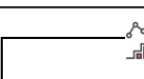
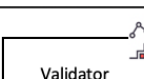
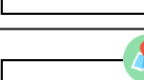
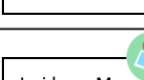
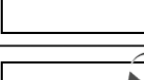
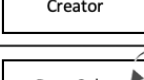
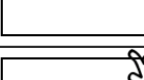
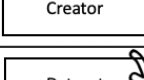
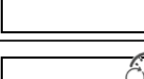
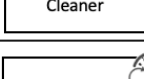
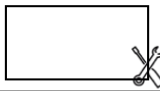
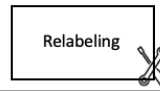
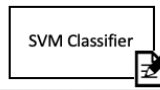
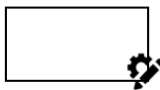
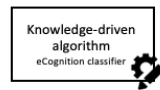
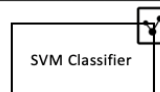
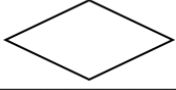
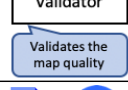
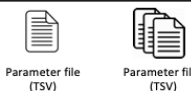


How to read the diagram



SYMBOL	SYMBOL TYPE	DESCRIPTION	EXAMPLE
1. Implemented task		A rectangle represents a process step like a basic task or an action.	
2. Not yet implemented task		A dotted rectangle represents a process step like a basic task or an action that needs to be implemented.	
3. Web service		A self-contained, modular, distributed, dynamic application that allows different applications to talk each other and share data and services.	
4. Graph visualization task		A step that allows displaying information on one or more graphs.	
5. Map visualization task		A step that allows displaying information on a map.	
6. Cyclic task		A task that is performed in a cyclic way. It could be useful to specify the criteria.	
7. Manual task		A task where a user is prompted to enter information manually.	
8. Timing task		A task that is performed in a timely way. It could be useful to specify the criteria.	

SYMBOL	SYMBOL TYPE	DESCRIPTION	EXAMPLE
9. Purposely-developed algorithm		A rectangle with wrench represents an algorithm that has been designed and developed for the specific purpose.	
10. Literature-based algorithm		A rectangle with paper and pencil represents a well-known literature-based algorithm.	
11. Customized literature-based algorithm		A rectangle with paper and pencil represents a well-known literature-based algorithm that can be personalized for the specific purpose.	
12. HPC task		A task that needs High Performance Computing capabilities in order to be performed.	
13. Decision		A diamond indicates a decision or a branching point.	
14. Sequence flow		An arrow is the connector that shows relationships between the representative shapes.	
15. Comment		Placed along with context, this symbol adds needed explanation or comments (in grey).	
16. Description of the aim		A brief description of the main objective of the task.	
17. Input / Output data with a specific format		The icon with the specific format indicates the type of input / output data.	
18. Input / Output data with a different format		The general icon for a document (or a group of document) whose format is not listed before. <i>Please, specify the format.</i>	
19. Open data		When the input data is open, this icon should be placed along with the input file icon with the specific format. <i>Please, provide reference.</i>	
20. Private data		When the input data is private, this icon should be placed along with the input file icon with the specific format.	
21. Database		A list of information with a standard structure that allows for searching and sorting. It can be open or private.	
22. Input as output of another workflow		When the input of a task is the output of another workflow, this icon should be placed on the left of the input file icon with the specific format.	