Download a file with the complete Use case playbook here

DATA SHARING COALITION

Use case playbook templates

April, 2021

Context description template

How to use this template

1. Start by describing the current situation and how this results in a opportunity or challenge for your organisation

2. Describe how data sharing can address the opportunity or challenge. Keep the use case description short and focus on the impact of the use case

3. Look in the appendix for examples of completed templates for DSC use cases

Use case name:

Examples in appendix ❯

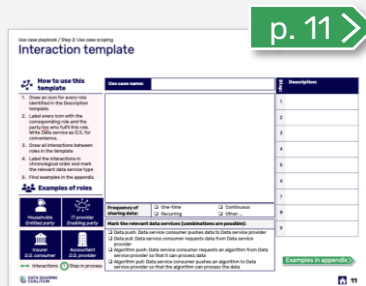|	
Describe the current situation:	
Describe the opportunity or challenge:	
Which of these categories matches your opportunity or challenge:	❑ Automation of certain (repetitive) tasks ❑ Difficulty in assessing certain risks due to a lack of information ❑ Other: … ❑ New insights enabling new value propositions ❑ Inefficiency in a value chain
Describe how data sharing can address the above situation:	

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Description template

How to use this template

1. Start by filling in the blocks. Limit your use case description to the components needed to show the value of the use case

2. Fill in the actors per role and the value per role

3. Use the Interaction template to map all relevant actors and interactions

4. Find completed templates as examples in the appendix

Introducing data services and roles

1. *Data service:* Any service offered by a data service provider aimed at exchanging or processing data

2. *Data service consumer:* Actor uses the data service offered by the data service provider

3. *Data service provider:* Actor that offers a data service to the data service consumer

4. *Entitled Party:* Entity which has rights over data, which may include storage of data as well as access and usage of data

5. *Enabling party* provides services or tools that enable data sharing

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Use case name:

Describe the use case:	
Initial scale of use case:	☐ Proof of Concept ☐ Pilot ☐ Production ☐ Other:…
Describe the data shared:	
What analysis is done on the data:	

Data service consumer(s):	**Data service provider(s):**	**Interaction model:**
Who fulfils this role: Value for Data service consumer(s):	Who fulfils this role: Value for Data service provider(s):	Use the Interaction template to map all relevant actors and interactions
Entitled party:	**Enabling party/ies:**	
Who fulfils this role: Value for Entitled party:	Who fulfils this role: Value for Enabling party/ies:	

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Interaction template

How to use this template

1. Draw an icon for every role identified in the Description template.

2. Label every icon with the corresponding role and the party/ies who fulfil this role. Write Data service as D.S. for convenience.

3. Draw all interactions between roles in the template

4. Label the interactions in chronological order and mark the relevant data service type

5. Find examples in the appendix

Examples of roles

Households *Entitled party*	**IT provider** *Enabling party*
Insurer *D.S. consumer*	**Accountant** *D.S. provider*

◄──► Interactions   ① Step in process

Use case name: _____

Step:	Description:
1	
2	
3	
4	
5	
6	
7	
8	
9	

Frequency of sharing data:

- ❑ One-time
- ❑ Recurring
- ❑ Continuous
- ❑ Other: …

Mark the relevant data services (combinations are possible):

- ❑ Data push: Data service consumer pushes data to Data service provider
- ❑ Data pull: Data service consumer requests data from Data service provider
- ❑ Algorithm push: Data service consumer requests an algorithm from Data service provider so that it can process data
- ❑ Algorithm pull: Data service consumer pushes an algorithm to Data service provider so that the algorithm can process the data

Potential template

How to use this template

1. Describe the potential value for the Entitled party first, as without sufficient potential value the Entitled party will not participate in the use case

2. Complete the table for the other roles with a score as shown in the legend

3. Score the potential of this use case on societal impact

4. Conclude on the potential value by adding up the scores per role. As a rule of thumb, every role in the use case should have at least 2 points (excluding societal impact)

5. Complete the template for the actors separately if you have very different actors per role

6. Look in the appendix for examples of this template

7. Interview stakeholders to validate the result of the template if necessary

Note: The goal of this template is to consider potential value from perspective of different roles. The scores only offer an indication, as they are subjective

Use case name:

| What is the potential value for the Entitled party? | |
| For the Entitled party, does the potential value outweigh the perceived risk associated with sharing data? | Yes / No |

Examples in appendix ❯

Legend:

High = 2
Low = 1
None = –

Questions to answer to assess potential value for Data service provider(s), Data service consumer(s) and Enabling party/ies		Data service provider(s)	Data service consumer(s)	Enabling party/ies
Potential revenue increase	Is there potential for extra revenue from new or improved products or services?			
	Is there potential for extra revenue from improved customer relation?			
	Is there potential for extra revenue from transaction fees from revealing data?			
	Is there potential for extra revenue from other sources?			
Potential cost reduction	Is there potential for cost reduction due to improved internal efficiency?			
	Is there potential for cost reduction due to improved risk management?			
	Is there potential for cost reduction from other sources?			
Other	Contribution to strategic objectives, part of obligations or ethical branding			
	Total per role			
Potential societal impact	What is the potential societal impact? This includes many topics, examples are improving sustainability, improving health, reducing poverty, increasing equality or contributing to a more circular economy		–	

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Interaction complexity template

Use case name:

Examples in appendix ›

How to use this template

1. Start with the results from the Use case scoping step in mind
2. Mark the level of interaction complexity for all 5 questions in the table
3. Take the average the 5 answers to get the final score of the assessment
4. Use this score to estimate what facilities are needed to establish trust and interoperability. A high score means that more extensive facilities are need to arrange the necessary trust and interoperability in the use case
5. Look in the appendix for examples of completed templates
6. Interview stakeholders to validate the result of the template if necessary

The two factors	Questions per driver	Per question select the answer corresponding to the situation of your use case		
		Low interaction complexity	Medium interaction complexity	High interaction complexity
Actor complexity	What is the number of actors involved in the use case?	Few actors		Many actors
	What degree of competition is there between the parties involved that is relevant for this use case?	No competition		Major competition
	If different actors fulfil the same role, how different are these actors?	Very similar / Not applicable		Very different
Data complexity	How different are the types of data shared in your use case?	One type		Many types
	How sensitive is the data being shared for your use case?	Not sensitive		Highly sensitive

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