



HOPEX360 Website Template documentation

FBT

V1

2020/06/26

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1. Overview

1.1. Technical limitations

1.1.1. HOPEX Version

This website template is qualified against the HOPEX V3 version.

1.1.2. Web browser Version

This website template is qualified against the following web browser:

- Firefox 75 and above
- Chrome 81 and above

1.1.3. Resolution

This website is optimised for a 1920 x 1080

1.1.4. Licensing

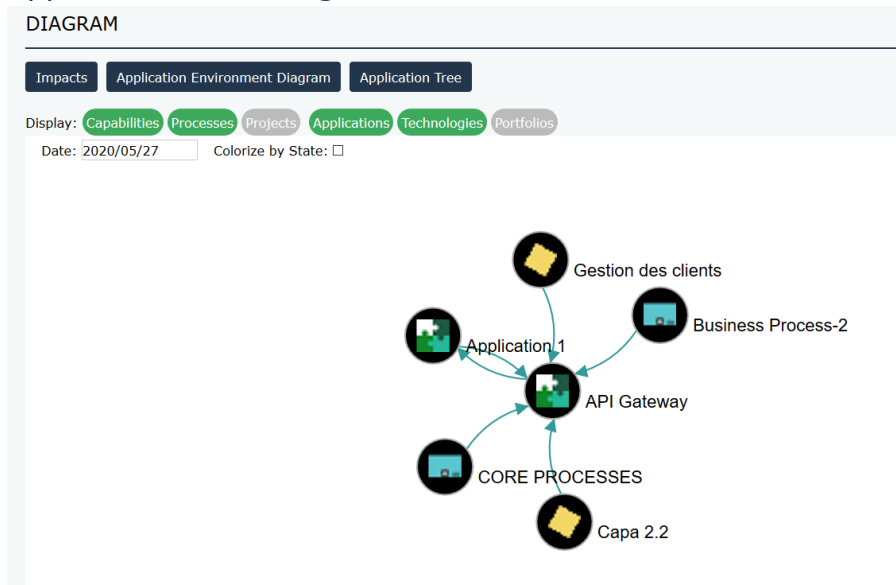
It only considers the scope of the ITPM and ITBM licence.

1.1.5. Deployment

Once generated, the static website needs to be hosted on an IIS webserver to enable all the functionalities.

The functionalities that require IIS include but are not limited to:

- Application Force Diagram



- Capabilities and Process Tree List

Home / Business Processes

List Tree

Business Process	Performance	Execution
<input type="text"/>	Select...	Select...
CORE PROCESSES	Medium	Medium
Audit	Medium	Very Good
Business Continuity Management	High	Insufficient
Control Function	Medium	Medium

1.1.6. Languages

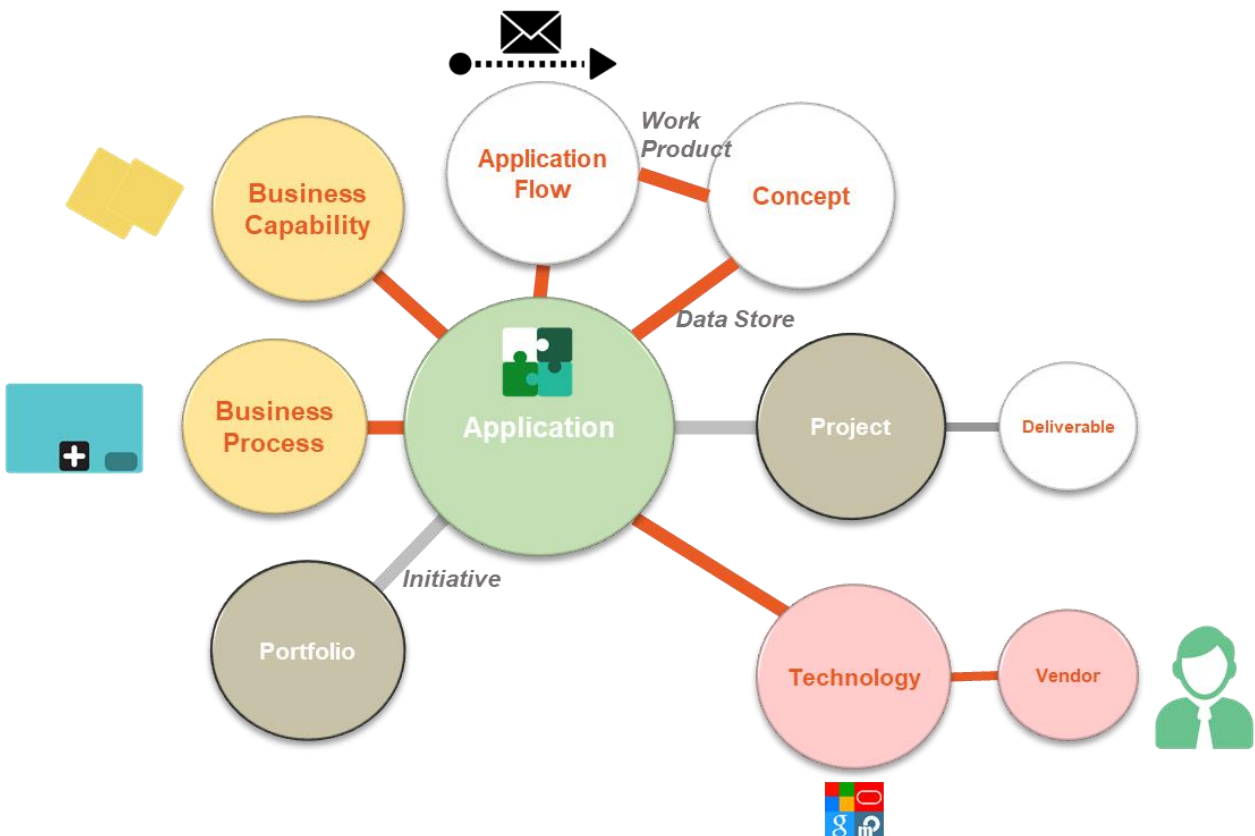
The website structure is available in both English and French. The translations can be amended using the _Code Templates referenced in the descriptors.

The website will be generated in the language set on the user running the web generation.

The translation of the content itself relies on the available languages of HOPEX.

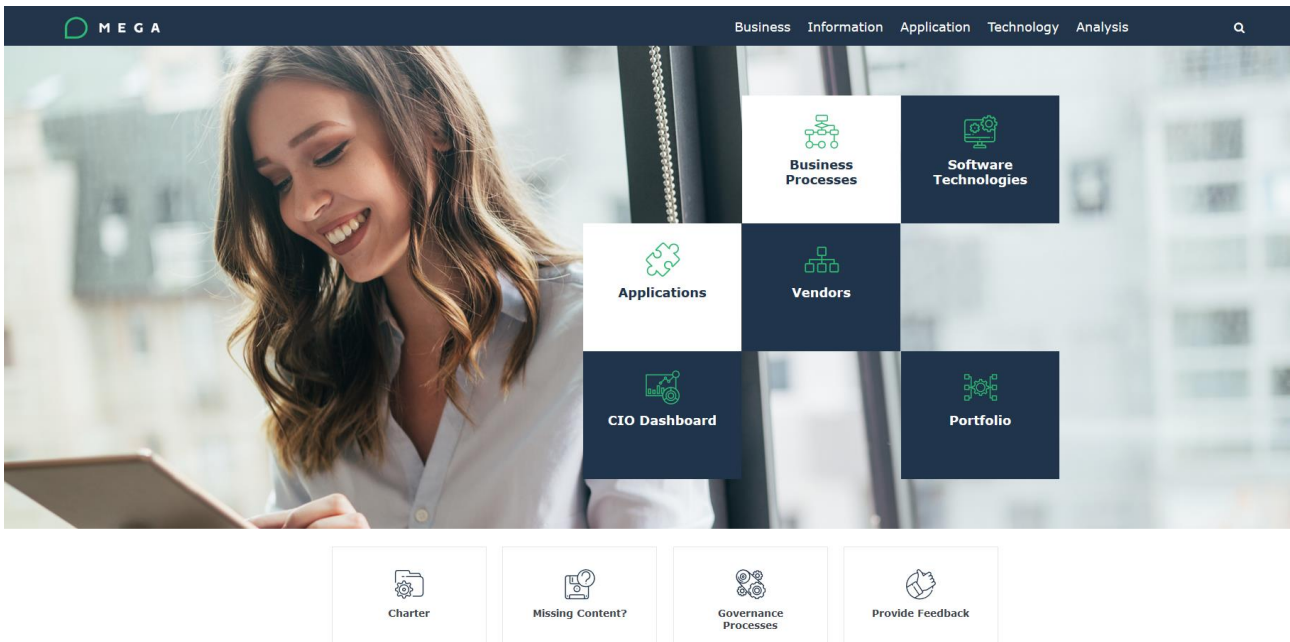
1.2. Data scope

HOPEX360 covers the following data. For more details, refer to the tables at the end of the document.



1.3. Homepage

1.3.1. Overview



1.3.2. Client specific

1.3.2.1. Description

The 4 tiles down the tiles will not point anywhere. It is up to the consultant and/or the client to update the links in the Homepage descriptor.

The purpose of these links is to point to:

- Client specific charter: online document
- Missing content: email to a dedicated email address
- Governance Process: online document
- Provide feedback: email to a dedicated email address

1.3.2.2. Customisation

To modify:

- Open the "HOPEX EA_General Menu" Descriptor
- Open the "Bottom Tiles" text
- Add a link within the <h6> tag:
 - o Client specific charter: line 47

- Missing content: line 92
- Governance Process: line 145
- Provide feedback: line 188

1.4. Site Map

The top menu allows to navigate through the pages.

Here is a breakdown of the navigation:

Navigation menu			Associated Object
Business	Capability	Capabilities Tree list: searchable hierarchical list	Business Capability Maps Business Capabilities
		Capabilities list: alphabetically sorted flat list	
	Process	Processes Tree list: searchable hierarchical list	Business Processes
		Processes list: alphabetically sorted flat list	
Information	Dictionary	Concepts list: alphabetically sorted flat list	Concept
Application	Portfolios	App portfolios list: alphabetically sorted flat list	Portfolio typed as Application
	Applications	Applications list: alphabetically sorted flat list	Application
	Projects	Projects list: alphabetically sorted flat list	Project
Technology	Portfolios	Tech portfolios list: alphabetically sorted flat list	Portfolio typed as Technology
	Technologies	Technologies list: alphabetically sorted flat list	Technology
	Vendor	Vendors list: alphabetically sorted flat list	Org Unit typed Vendor
Analysis	CIO Dashboard	Main dashboard	Specific report page
		Technology Obsolescence	Specific report page
		Strategic Planning	Specific report page
		Rationalization	Specific report page
	Reports	Reports list: alphabetically sorted flat list	Specific report page
Search		Pop up to type in key words	Results shown in table

1.5. List index

MEGA Business Information Application Technology Analysis

Home / Business Process

List Tree

Show 10 entries Excel

Business Process	Code	Owner	Parent	Direct Sub-Process	Status	Release Date
Advisory		Mega	ENABLING PROCESSES			4/16/2020
Audit		Mega	CORE PROCESSES			4/16/2020
Business Continuity Management		Mega	CORE PROCESSES			4/16/2020
Business Process-1		Mega	MANAGEMENT PROCESSES	Business Process-2		4/16/2020
Business Process-2			Business Process-1			4/16/2020
Compliance		Mega	ENABLING PROCESSES			4/16/2020
Control Function		Mega	CORE PROCESSES			4/16/2020
CORE PROCESSES		Mega		Audit Business Continuity + (9)		4/16/2020
Corporate Planning		Mega	MANAGEMENT PROCESSES			4/16/2020
ENABLING PROCESSES		Mega		Advisory Compliance Loan Purchasing & Procurement Treasury		4/16/2020

Showing 1 to 10 of 21 entries

Previous 1 2 3 Next

1.6. Tree list index

MEGA Business Information Application Technology Analysis

Home / Business Process

List Tree

Business Process	Performance	Execution	Supporting apps	Modification date
Q	Select...	Select...	Q	
> CORE PROCESSES	● Medium	● Medium	Application 1 API Gateway	4/16/2020
▼ ENABLING PROCESSES	● High	● Insufficient	N/A	4/16/2020
Advisory	● Very High	● Medium	N/A	4/16/2020
Compliance	● Medium	● Medium	N/A	4/16/2020
Loan	● Medium	● Medium	N/A	4/16/2020
Purchasing & Procurement	● High	● Insufficient	N/A	4/16/2020
Treasury	● Very High	● Medium	N/A	4/16/2020
▼ MANAGEMENT PROCESSES	● Medium	● Very Good	N/A	4/16/2020
▼ Business Process-1	● Medium	● Medium	N/A	4/16/2020
Business Process-2	● Medium	● Medium	API Gateway	4/16/2020
Corporate Planning	● Medium	● Medium	N/A	4/16/2020
Personnel	● Very High	● Medium	N/A	4/16/2020

1.7. Search

The search is implemented by the Fusejs library (<https://fusejs.io/>)

MEGA Business Information Application Technology Analysis

Home / Search

bill

Name	Object Type	Description	Modification date
Billing	Application	Billing is an application mostly developed with Microsoft technology. Travel Business department is in charge of its business evolution. A new version will be deployed in 2015.Saturn is the name for internal public.	2019/09/17 09:03:16
Billing	Business Capability		2011/09/16 15:03:53
Billing	Business Capability		2017/10/07 07:39:41
Billing v2.0	Application	New version of the Billing application. Added functionality to support procurement. The complete impact analysis can be found here: Billing v2.0 - Variant Object Analysis	2019/03/06 18:39:50
Skill	Concept	The ability to perform a job-related activity, which contributes to the effective performance of a task.	2009/12/22 09:16:01
Azure Billing API	Software Technology	Services to help generate, monitor, forecast, and share billing data for resource usage by time, organization, or product resources.	2019/10/15 16:01:46
Capability	Concept	An ability that an organization, person, or system possesses. Capabilities are typically expressed in general and high-level terms and typically require a combination of organization, people, processes, and technology to achieve. For example, marketing, customer contact, or outbound telemarketing.	2009/12/22 09:15:53

2. Configuration

2.1. Installation

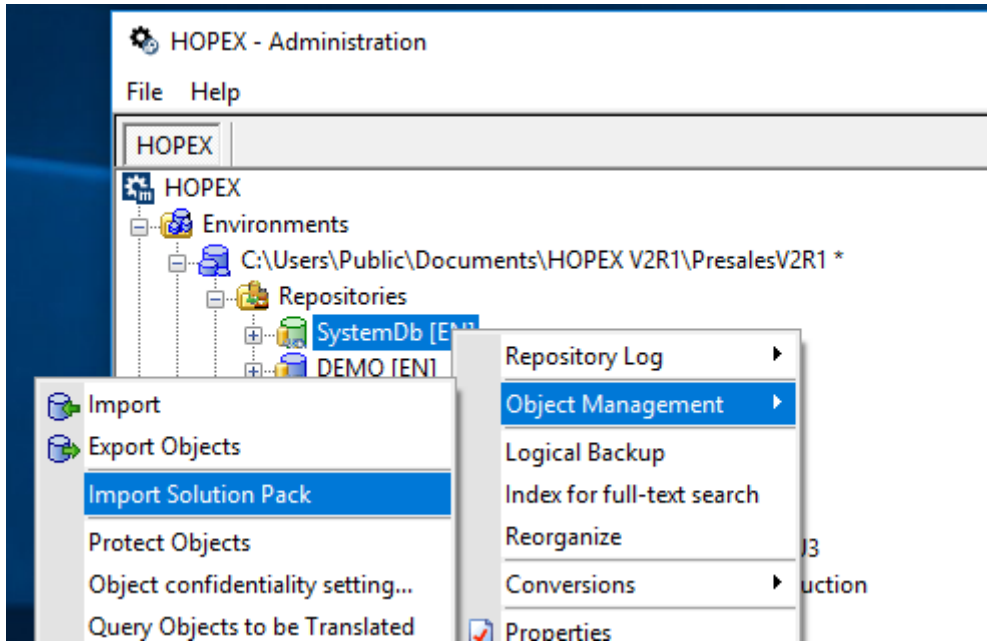
The website template is delivered as a Solution Pack. So the steps are as follows:

- Download the package from the HOPEX Store into the <HOPEX Installation folder>\Utilities\Solution Pack

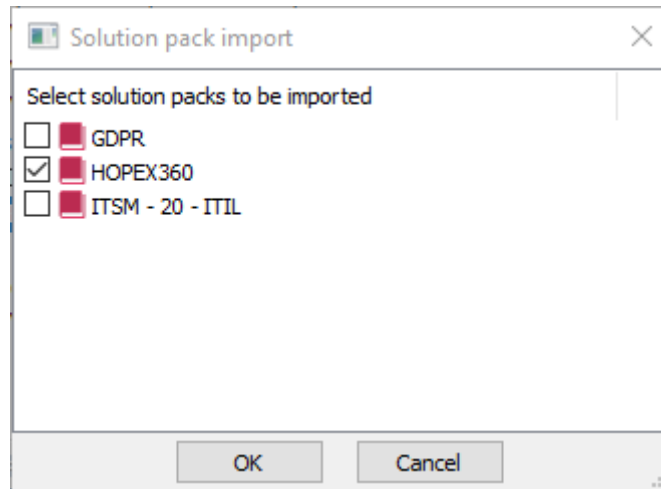
MEGA International

Headquarters: 9 avenue René Coty - 75014 Paris, France
Phone +33 (0)1 42 75 40 00 - Fax +33 (0)1 42 75 40 95 - www.mega.com

- Unzip it in the same location
- Open the HOPEX Admin module



- Select HOPEX360 and click OK



- The Website Template and all its components will be installed

2.2. Required files

The HOPEX environment Mega_Usr folder will be updated with the files required by the website template. This includes:

- CSS files
- JS files
- Images
- Fonts

2.3. Translation

2.3.1. Code Templates

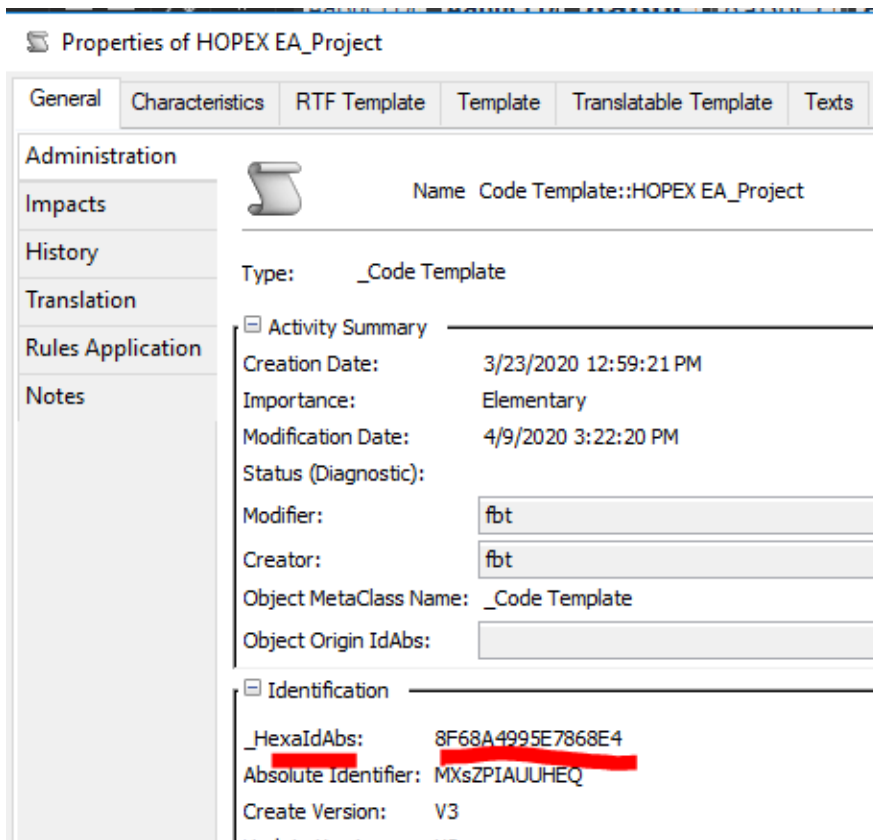
Translations are available on the following items:

- Menu
- Section
- Widget
- Table header

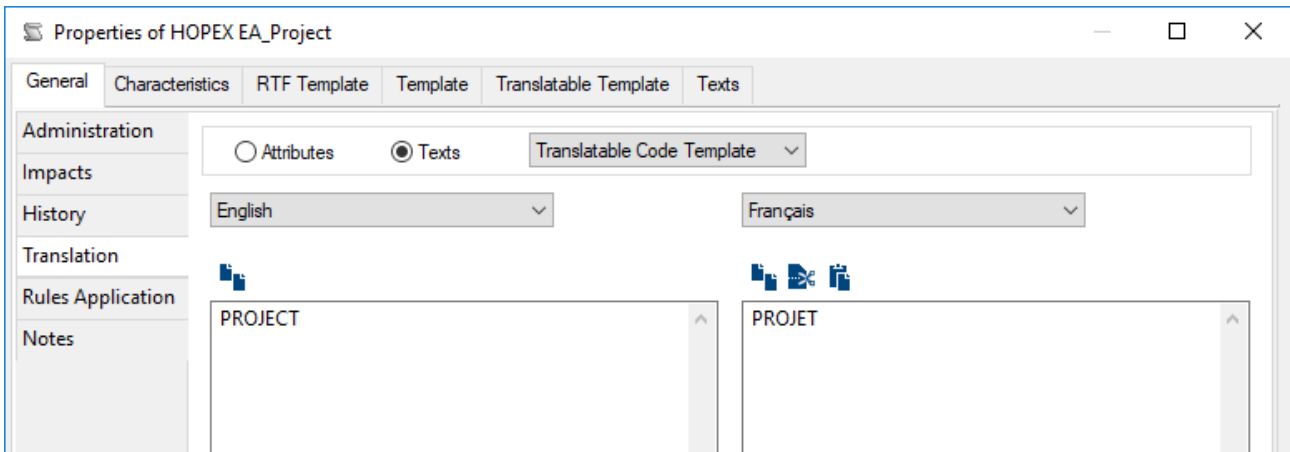
For each of them, a reference is written in the code to the relevant Code Template, as such:

```
[Variable=CodeTemplate Id=8F68A4995E7868E4/]
```

Where the Id is the hexaidabs of the code template, as shown below in the Code template properties page



The text can be modified in General > Translation

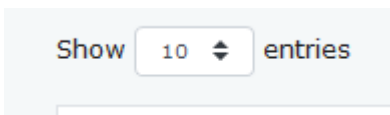


2.3.2. Limitations

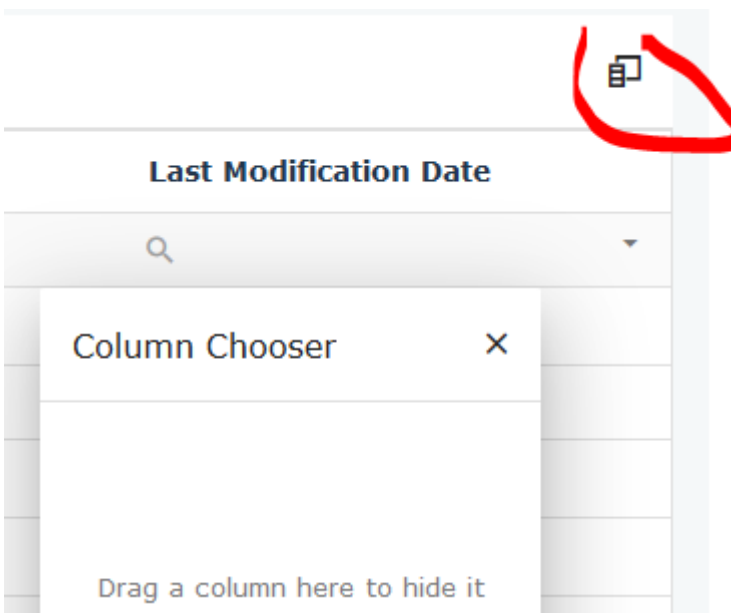
Some texts are managed by Javascript librairies (Charts.JS, Datatables.JS, DX...) and are not translatable. They are available in English only

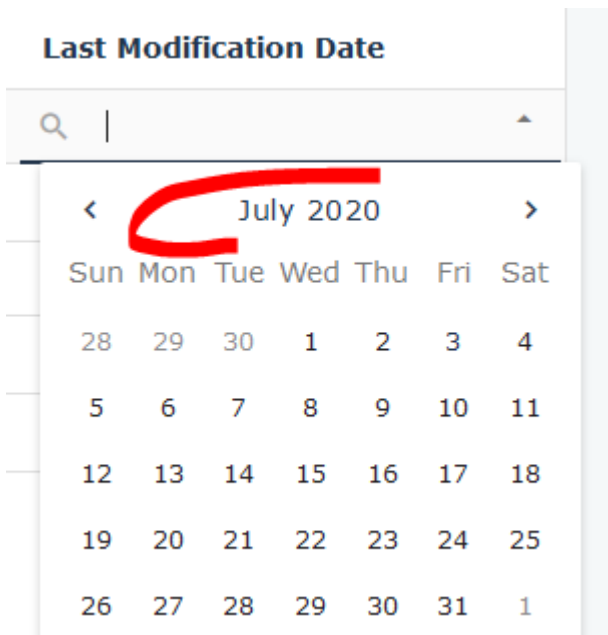
It includes:

- Lists : pagination



- Tree lists





2.4. Post-generation script JSON files

JSON files are generated as part of the website generation to cover different functionalities. These files are stored in the \json folder of the generated website.

Those JSON files contain the key data used in the reporting, via java script functions.

This is implemented through 4 MetaCommand Managers triggering the relevant macros:

- HOPEX EA_Post Generation Script App JSON. This generated on JSON per Application to enable the Application Impact force diagram. The files are named as follows:
 - o <Application hexaidabs>_integration.json
- HOPEX EA_Post Generation Script CIO Dashboard JSON: this generates 4 JSON files:
 - o DatasArrayCapabilityMap.js
 - o DatasArrayPortfolioBusinessCapability.js
 - o DatasArrayPortfolioTechnology.js
 - o DatasArrayPortfolioTimePeriod.js
- HOPEX EA_Post Generation Script Process and Capa Trees JSON
 - o DatasArrayBCMHierarchy.js
 - o DatasArrayProcessHierarchy.js
 - o DatasArrayBCMRationalization.js

- "HOPEX EA_Post Generation Script_Search Indexing" (/!\ : for relative links reason, this JSON is stored in the \standard\assets\js folder
 - o searchindexcontent.json

2.4.1. CIO Dashboard JSON

The 'HOPEX EA_Post Generation Script CIO Dashboard JSON' MetaCommand Manager generates 4 JSON files

2.4.1.1.DatasArrayCapabilityMap.js

Topic	Key information
Purpose	This is a list of Business Capability Maps including: <ul style="list-style-type: none"> - Name - HexaIdAbs The main purpose is to enable a filter for key reports
Pages using the file	The following 2 pages use this data as a filter on the Box in Box: <ul style="list-style-type: none"> - Strategic Planning - Rationalization
JSON data structure	<pre>var datasArrayCapabilityMap = [{ capabilityMapName: "BCM To Be (EN) ", capabilityMapHexaIdAbs: "726B7F225E84F5C5", },];</pre>

2.4.1.2.DatasArrayPortfolioBusinessCapability.js

Topic	Key information
Purpose	This is a list of Applications, the Portfolios they are connected to and the Business Capabilities they support.
Pages using the file	The following pages use this data: <ul style="list-style-type: none"> - Main Dashboard: in the Application per Capability Widget - Main Dashboard: in the Capabilities indicator - Rationalization: to filter out the Applications overlaid on the BCM box in box
JSON data structure	<pre>var datasArrayPortfolioBusinessCapability = [{ portfolioName: "_Toutes les Applications", portfolioHexaIdAbs: "#", applicationName: "API Gateway (EN) ", applicationHexaIdAbs: "D37AD7455CF088CA", applicationType: "D\u00e9veloppement Sp\u00e9cifique", currentState: "Production", applicationHosted: "Nuage : IaaS", dataFreshness : "<6M", gdprCompliance: "App OK", overallCompleteness: "75", businessCapabilityName: "Gestion des clients (EN) ", businessCapabilityHexaIdAbs: "F034F0705CF050BA", },];</pre>

2.4.1.3.DatasArrayPortfolioTechnology.js

Topic	Key information
Purpose	This is a list of Applications, the Portfolios they are connected to and the supporting Technologies.
Pages using the file	The following pages use this data: <ul style="list-style-type: none"> - Main Dashboard: in the Technology Compliance Widget - Main Dashboard: in the Obsolete Applications indicator - Main Dashboard: in the Vendors indicator - Main Dashboard: in the Application per Vendor widget
JSON data structure	<pre>var datasArrayPortfolioTechnology = [{ portfolioName: "_Toutes les Applications", portfolioHexaIdAbs: "#", applicationName: "API Gateway (EN) ", applicationHexaIdAbs: "D37AD7455CF088CA", applicationType: "D\u00e9veloppement Sp\u00e9cifique", currentState: "Production", applicationHosted: "Nuage : IaaS", dataFreshness : "<6M", gdprCompliance: "App OK", overallCompletness: "75", technologyName: "No technology", technologyHexaIdAbs: "", companyStandard: "", technologyEndOfSupport: "", technologyEndOfExtendedSupport: "", obsolescenceDate: "", vendor: "", },];</pre>

2.4.1.4.DatasArrayPortfolioTimePeriod.js

Topic	Key information
Purpose	This is a list of Applications, the Portfolios they are connected to and the attached Time Periods
Pages using the file	The following pages use this data: <ul style="list-style-type: none"> - Main Dashboard: in the Application Evolution widget
JSON data structure	<pre>var datasArrayPortfolioTimePeriod = [{portfolioName: "_Toutes les Applications", portfolioHexaIdAbs: "#", applicationName: "API Gateway (EN) ", applicationHexaIdAbs: "D37AD7455CF088CA", applicationType: "D\u00e9veloppement Sp\u00e9cifique", currentState: "Production", applicationHosted: "Nuage : IaaS", dataFreshness : "<6M", gdprCompliance: "App OK", overallCompletness: "75",</pre>

```

timePeriodName: "API Gateway (EN) [Pr\u00e9paration]",
timePeriodHexaIdAbs: "F5AD10F15E7ECB46",
timePeriodStatus: "Pr\u00e9paration",
timePeriodAbsoluteStartDate: "2016/10/04 12:00:00",
timePeriodAbsoluteEndDate: "2018/01/01 12:00:00",
},
];

```

2.4.2. Tree list JSON

The 'HOPEX EA_Post Generation Script Process and Capa Trees JSON' MetaCommand Manager generates 2 JSON files

2.4.2.1. DatasArrayBCMHierarchy.js

Topic	Key information
Purpose	The purpose is to provide the full hierarchical structure of the Business Capabilities and their supporting applications.
Pages using the file	The following page uses this JSON data: <ul style="list-style-type: none"> - Business Capability Tree List
JSON data structure	<pre> var products = [{text: "BCM To Be (EN) ", modification_date:"2020/04/14 08:06:47", performance:"", execution:"", link: "726B7F225E84F5C5.htm", id: "726B7F225E84F5C5", parent:"0", applications: [{text:"N/A"}] },]; </pre>

2.4.2.2. DatasArrayProcessHierarchy.js

Topic	Key information
Purpose	The purpose is to provide the full hierarchical structure of the Business Processes and their supporting applications.
Pages using the file	The following page uses this JSON data: <ul style="list-style-type: none"> - Business Process Tree List
JSON data structure	<pre> var products = [{text: "Business Process-2 (EN) ", modification_date:"2020/04/16 10:48:07", performance:"3", execution:"3", link: "51797E5D5E77826E.htm", id: "51797E5D5E77826E", parent: "9ACC0F275D444F86", applications: [{ text:"API Gateway (EN) ", </pre>


```

        link: "D37AD7455CF088CA.htm"
    },]
},
];

```

2.4.2.3.DatasArrayBCMRationalization.js

Topic	Key information
Purpose	The purpose is to provide the full hierarchical structure of the Business Capabilities and the applications decommissioning date
Pages using the file	The following page uses this JSON data: <ul style="list-style-type: none"> - Rationalization Table
JSON data structure	<pre> var sales = [{ BCM: "BCM As Is", BC1:"Market Access", BC2:"Gestion des clients", link: "F034F0705CF0502C.htm", id: "F034F0705CF0502C", date:"2020/06/27 12:00:00", amount:"1" }] </pre>

2.4.3. Application page JSON

The 'HOPEX EA_Post Generation Script App JSON' MetaCommand Manager generates one JSON file per Application.

Topic	Key information
Purpose	The JSON file enables the Impact force diagram on each Application page
Pages using the file	Each Application Object Page
JSON data structure	<pre> {"root" : {"id":"D37AD7485CF08ECB", "name":"service-draws (EN) ", "type_id":"B1EDB2562C14016F", "type_name":"Application", "href":"D37AD7485CF08ECB.htm", "image":"../standard/appl.ico.gif", "states":[] }, "sources": {}, "targets": {"FD280B395C926AC9": {"id":"FD280B395C926AC9", "name":"AngularJS 1.7 (EN)", "type_id":"2885299152A85717", "type_name":"Technology", "href":"FD280B395C926AC9.htm", </pre>

```
"image": "../standard/technology.ico.gif"
    },
  },];
```

2.4.4. Search

The "HOPEX EA_Post Generation Script_Search Indexing" MetaCommand Manager has a Macro attached which generates a 'searchindexcontent.json' file

Topic	Key information
Purpose	This JSON file is used to reference all the objects included in the website to enable a full text search
Pages using the file	In every page, the menu includes a magnifying glass to toggle the search tool. This search is implemented using the Fuse library (https://fusejs.io/)
JSON data structure	<pre>{pages": [{ "title": "", "Object type": "", "Modification Date": "", "text": "", "tags": "", "url": "" }, { "title": " API Gateway", "ObjectType": "Application", "ModificationDate": "2020/04/16 10:14:30", "text": "", "tags": "", "url": "D37AD7455CF088CA.htm" },],};</pre>

3. CIO Dashboard

3.1. Main dashboard

3.1.1. Portfolio filter

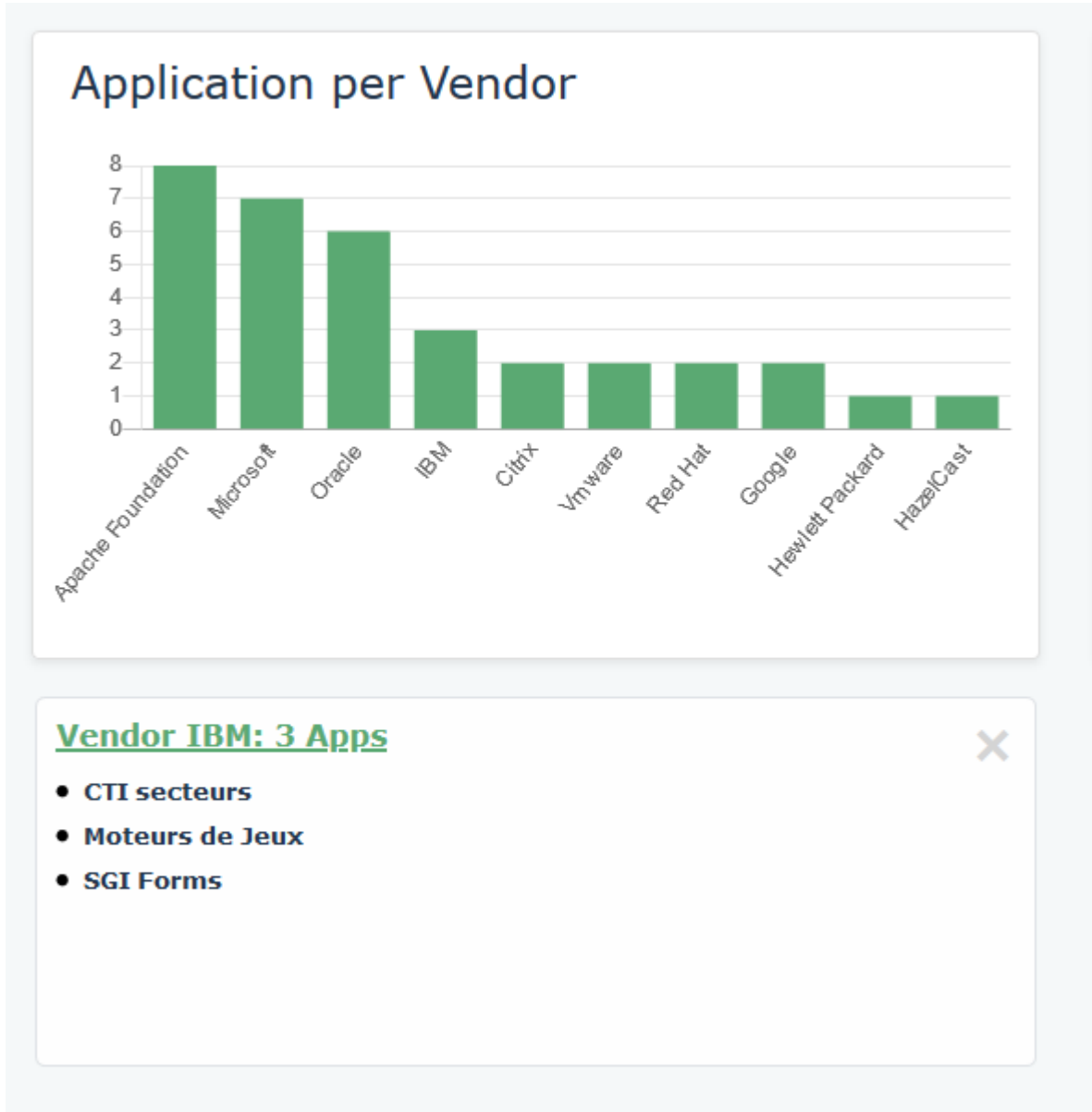
All the widgets shown on this page are filtered by Portfolio. This options list shows the following values:

- _All Applications
- _All Applications without Portfolio
- Each Portfolio

On load, the page will consider the "All Applications" as default.

3.1.2. Drill down

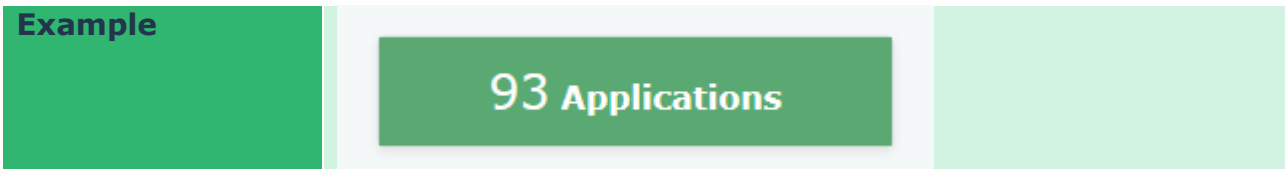
On click, all the widgets but the Application Evolution can be drilled down. A detailed list will be shown at the bottom of the page, as shown below.



3.1.3. Indicators

3.1.3.1. Applications

Key information	
Purpose	This widget shows the number of Applications in the selected Portfolio
Source JSON file	DatasArrayPortfolioTechnology.js
Data structure	<ul style="list-style-type: none"> (optional) Portfolio Application



3.1.3.1.Obsolete Applications

Key information	
Purpose	This widget shows the number of Obsolete Applications. This is the list of Applications linked to a Prohibited Technology (linked Software Technology with a 'Prohibited' Company Standard)
Source JSON file	DatasArrayPortfolioTechnology.js
Data structure	<ul style="list-style-type: none"> - (optional) Portfolio - Application - Technology – Company Standard = Prohibited
Example	A red rectangular widget with the text "8 Obsolete Apps" in white, set against a light green background.

3.1.3.1.Capabilities

Key information	
Purpose	This widget shows the number of Capabilities supported by the Applications of the selected Portfolio. This is the list of Capabilities linked to at least one Application of the Portfolio.
Source JSON file	DatasArrayPortfolioBusinessCapability.js
Data structure	<ul style="list-style-type: none"> - (Optional) Portfolio - Application - Business Capability
Example	An orange rectangular widget with the text "10 Capabilities" in white, set against a light green background.

3.1.3.1.Vendors

Key information	
Purpose	This widget shows the number of Vendors providing Technologies supporting the Applications of the selected Portfolio. This is the list of Org Units typed as Vendor linked to at least one Technology supporting at an Application of the Portfolio.
Source JSON file	DatasArrayPortfolioTechnology.js
Data structure	<ul style="list-style-type: none"> - (Optional) Portfolio - Application - Technology - Vendor
Example	A blue rectangular widget with the text "13 vendors" in white, set against a light green background.

3.1.4. Application Evolution

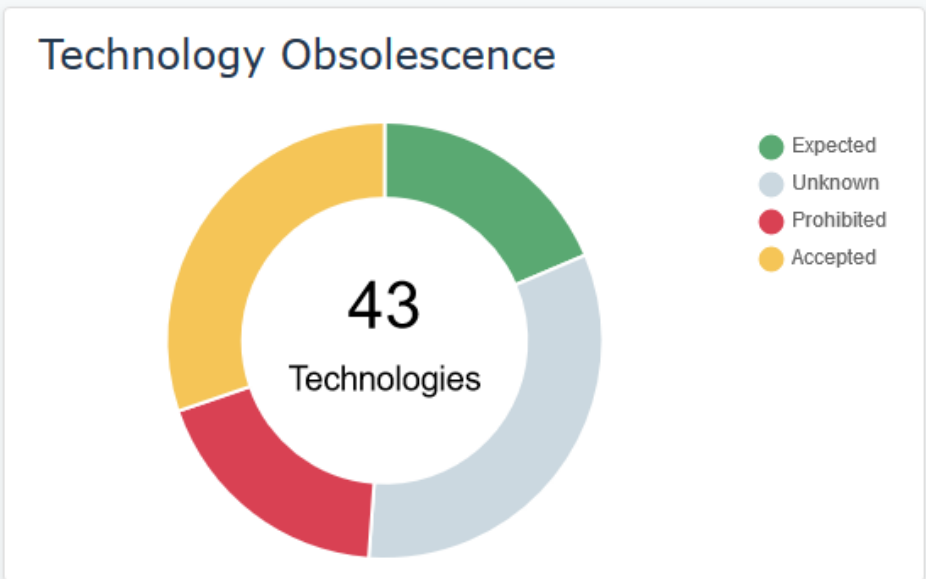
This widget cannot be drilled down.

Key information	
Purpose	This shows the number of Applications by state over time for the selected perimeter(s)
Source JSON file	DatasArrayPortfolioTimePeriod.js
Data structure	<ul style="list-style-type: none"> - (optional) Portfolio - Application - Object Life - Time Periods
Example	

3.1.5. Technology Compliance

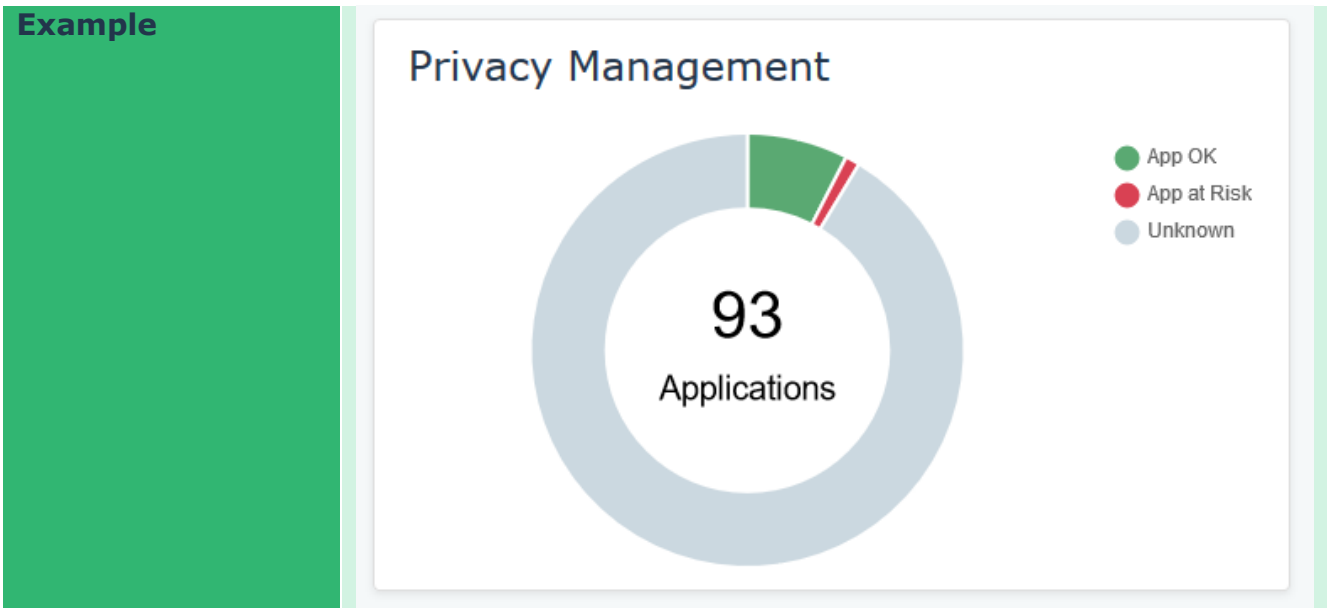
Key information	
Purpose	This shows the number of Technologies supporting Applications of the selected perimeter(s) broken down by Company Standard
Source JSON file	DatasArrayPortfolioTechnology.js
Data structure	<ul style="list-style-type: none"> - (optional) Portfolio - Application - Technology – Company Standard

Example



3.1.6. Privacy management

Key information																													
Purpose	This shows the number of Application within the selected perimeter(s) that are compliant to the privacy management																												
Source JSON file	DatasArrayPortfolioTechnology.js																												
Data structure	<ul style="list-style-type: none"> (Optional) Portfolio Application <ul style="list-style-type: none"> GDPR Content of Notice GDPR Content <p>Logic</p> <table border="1"> <thead> <tr> <th>Content of Notice / Consent</th> <th><empty></th> <th>Y</th> <th>N</th> </tr> </thead> <tbody> <tr> <td>YW</td> <td>App OK</td> <td>App OK</td> <td>App at Risk</td> </tr> <tr> <td>YO</td> <td>App OK</td> <td>App OK</td> <td>App at Risk</td> </tr> <tr> <td>NR</td> <td>App OK</td> <td>App OK</td> <td>App at Risk</td> </tr> <tr> <td>N</td> <td>App at Risk</td> <td>App at Risk</td> <td>App at Risk</td> </tr> <tr> <td>DK</td> <td>Unknown</td> <td>Unknown</td> <td>Unknown</td> </tr> <tr> <td><empty></td> <td>Unknown</td> <td>Unknown</td> <td>Unknown</td> </tr> </tbody> </table>	Content of Notice / Consent	<empty>	Y	N	YW	App OK	App OK	App at Risk	YO	App OK	App OK	App at Risk	NR	App OK	App OK	App at Risk	N	App at Risk	App at Risk	App at Risk	DK	Unknown	Unknown	Unknown	<empty>	Unknown	Unknown	Unknown
Content of Notice / Consent	<empty>	Y	N																										
YW	App OK	App OK	App at Risk																										
YO	App OK	App OK	App at Risk																										
NR	App OK	App OK	App at Risk																										
N	App at Risk	App at Risk	App at Risk																										
DK	Unknown	Unknown	Unknown																										
<empty>	Unknown	Unknown	Unknown																										

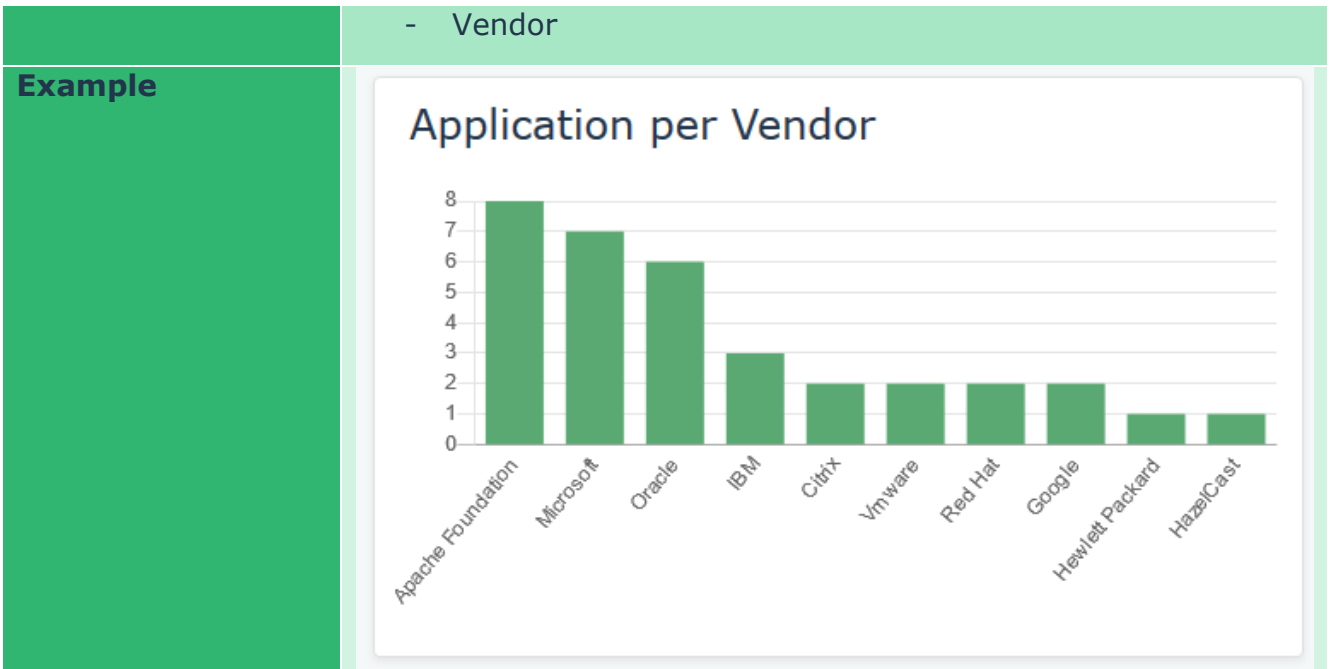


3.1.7. Applications per Capability

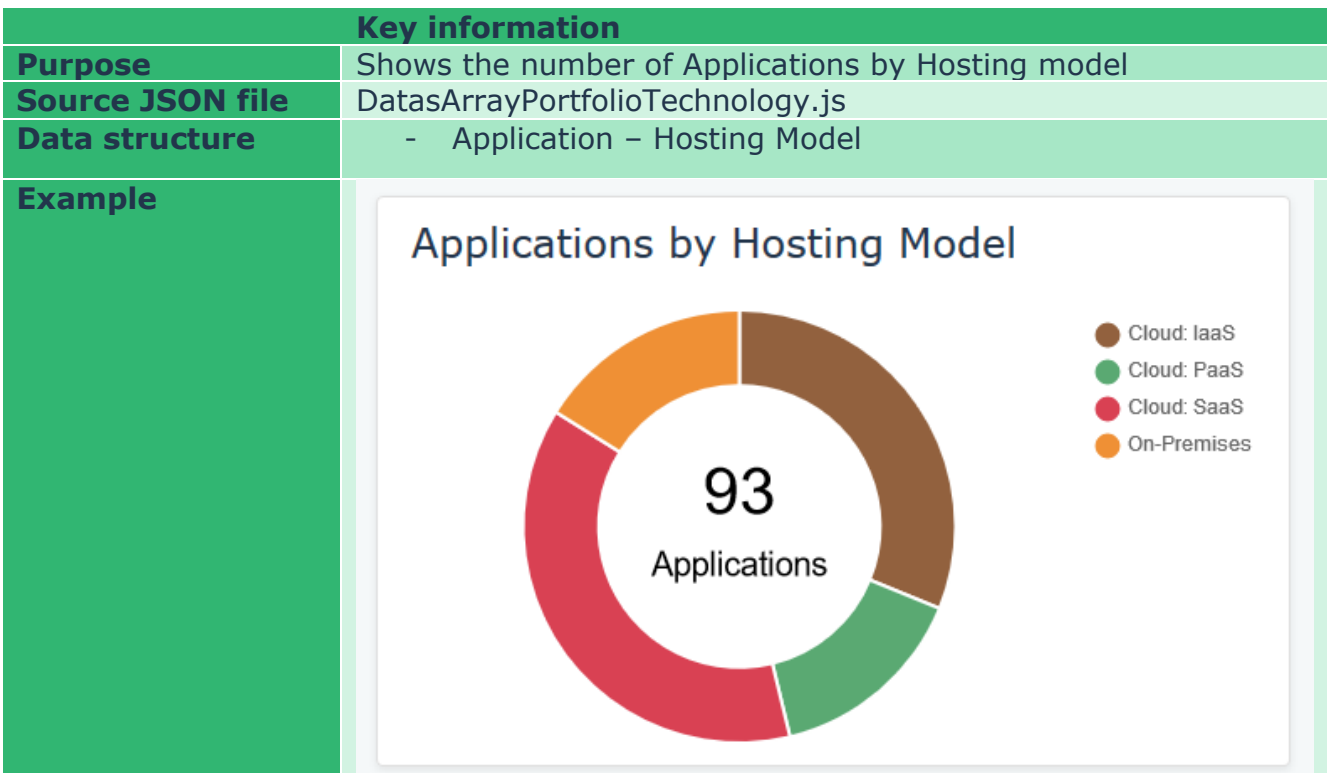
Key information																							
Purpose	Shows the number of Applications by Capability. The output is a bar chart filtered on the top 10 Capabilities sorted by descending number of supporting Applications																						
Source JSON file	DatasArrayPortfolioBusinessCapability.js																						
Data structure	<ul style="list-style-type: none"> - Application - Business Capability 																						
Example	<p>Application per Capability</p> <table border="1"> <thead> <tr> <th>Capability</th> <th>Number of Applications</th> </tr> </thead> <tbody> <tr><td>Définir la périodicité des jeux</td><td>3.0</td></tr> <tr><td>Exécuter les jeux</td><td>3.0</td></tr> <tr><td>Facturation</td><td>2.0</td></tr> <tr><td>Développer des jeux innovants</td><td>2.0</td></tr> <tr><td>Déterminer les gagnants</td><td>1.0</td></tr> <tr><td>gérer la période de vente</td><td>1.0</td></tr> <tr><td>fixer le mix produit ou catalogue</td><td>1.0</td></tr> <tr><td>Capa 1-2</td><td>1.0</td></tr> <tr><td>Capa 2-2</td><td>1.0</td></tr> <tr><td>Gestion des clients</td><td>1.0</td></tr> </tbody> </table>	Capability	Number of Applications	Définir la périodicité des jeux	3.0	Exécuter les jeux	3.0	Facturation	2.0	Développer des jeux innovants	2.0	Déterminer les gagnants	1.0	gérer la période de vente	1.0	fixer le mix produit ou catalogue	1.0	Capa 1-2	1.0	Capa 2-2	1.0	Gestion des clients	1.0
Capability	Number of Applications																						
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Développer des jeux innovants	2.0																						
Déterminer les gagnants	1.0																						
gérer la période de vente	1.0																						
fixer le mix produit ou catalogue	1.0																						
Capa 1-2	1.0																						
Capa 2-2	1.0																						
Gestion des clients	1.0																						

3.1.8. Applications per Vendors

Key information	
Purpose	Shows the number of Applications by Vendor. The output is a bar chart filtered on the top 10 Vendors sorted by descending number of supported Applications
Source JSON file	DatasArrayPortfolioTechnology.js
Data structure	<ul style="list-style-type: none"> - Application - Technology



3.1.9. Hosting model



3.2. Technology Obsolescence

Key information	
Purpose	Shows the number of Applications by Technology Obsolescence, which
Filter	Lifecycle status
Source JSON file	None. The data is generated within the Hopex Descriptor

Data structure	<ul style="list-style-type: none"> - Application – Application Type - Object Lifecycle - Time Period - Technology – End of Support / End of Extended Support <p>Logic: At a given point in time, if a Technology linked to a given Application is no longer supported, then this Application is obsolete</p>
Example	

3.3. Strategic Planning

Key information	
Purpose	The report shows an automatic box in box report. This is a graphical view of the Business Capability Map hierarchy. This is a standard Hopex Report
Filter	A list of existing Business Capability Map allows to switch from one to another
Source JSON file	None
Data structure	<ul style="list-style-type: none"> - Business Capability Map - Business Capability and their Components to the 4th level
Example	

3.4. Rationalization

3.4.1. Rationalization Map

Key information	
Purpose	The report shows an automatic Timed box in box report. This is a graphical view of the Business Capability Map hierarchy, overlaid with the supporting Applications. This is a standard Hopex Report
Filter	<ul style="list-style-type: none"> - A list of existing Business Capability Map allows to switch from one to another - Portfolio to narrow down the overlaid Applications - Time spots to assess the evolution over time

Source JSON file	None
Data structure	<ul style="list-style-type: none"> - Business Capability Map - Business Capability and their Components to the 4th level - For each Business Capability, the supporting Applications within the selected Portfolio, colour coded with their lifecycle status at the selected Time sport
Example	<p>The screenshot shows a dashboard titled 'Rationalization' with tabs for 'Main Dashboard', 'Technology Obsolescence', 'Strategic Planning', and 'Rationalization'. It displays 'Portfolio 3' and 'BCM As Is'. The main content area is titled 'Coeur Métier Jeux' and is divided into several functional areas: 'Développer des jeux innovants' (with sub-tasks 'Industrialisation la production' and 'Tester les maquettes'), 'Enrichir l'offre jeux' (with sub-tasks 'Définir le mix produit ou catalogue', 'Définir le type de paris', 'Maintenir le Ptf de produits', and 'Moderniser l'offre'), 'Executer les jeux' (with sub-tasks 'Déterminer les gagnants', 'gérer la période de vente', 'Promulguer les résultats', and 'traiter les PdJ'), and 'Surveiller l'activité de jeu' (with sub-tasks 'Contrôler le jeu responsable' and 'Garantir la conformité'). Applications like 'Bingo Game Server T3', 'Moteurs de Jeux', 'Application 1', 'Gamée-Pénélope', and 'ZZ_BI Publisher' are shown with their lifecycle status.</p>

3.4.2. Rationalization Table

Key information																													
Purpose	This shows the Application Retirement Plan per Capability																												
Filter	None																												
Source JSON file	DatasArrayBCMRationalization.js																												
Data structure	<ul style="list-style-type: none"> - Business Capability Map - Business Capability level 1 - Business Capability level 2 - Application – Decommission Date 																												
Example	<p>The screenshot shows a dashboard titled 'Rationalization' with a 'Switch to Map' button. The main content is a bar chart titled 'Application Retirement Plan per Business Capability' showing the total number of applications to be retired from 2020 to 2022. The chart shows a total of 2 retirements in 2020, 2 in 2021, and 1 in 2022. A legend indicates that blue bars represent 'BCM As Is - Coeur Métier Jeux - Développer des jeux innovants' and red bars represent 'BCM As Is - Coeur Métier Jeux - Executer les jeux'. Below the chart is a table with columns for years 2020, 2021, and 2022, and rows for 'BCM To Be', 'BCM As Is Total', 'Coeur Métier Jeux Total', 'Développer des jeux innovants', 'Executer les jeux', and 'Market Access'.</p> <table border="1"> <thead> <tr> <th></th> <th>2020</th> <th>2021</th> <th>2022</th> </tr> </thead> <tbody> <tr> <td>BCM To Be</td> <td>2</td> <td></td> <td></td> </tr> <tr> <td>BCM As Is Total</td> <td>3</td> <td>1</td> <td>1</td> </tr> <tr> <td>Coeur Métier Jeux Total</td> <td>2</td> <td>1</td> <td>1</td> </tr> <tr> <td>Développer des jeux innovants</td> <td>1</td> <td></td> <td></td> </tr> <tr> <td>Executer les jeux</td> <td>1</td> <td>1</td> <td>1</td> </tr> <tr> <td>Market Access</td> <td>1</td> <td></td> <td></td> </tr> </tbody> </table>		2020	2021	2022	BCM To Be	2			BCM As Is Total	3	1	1	Coeur Métier Jeux Total	2	1	1	Développer des jeux innovants	1			Executer les jeux	1	1	1	Market Access	1		
	2020	2021	2022																										
BCM To Be	2																												
BCM As Is Total	3	1	1																										
Coeur Métier Jeux Total	2	1	1																										
Développer des jeux innovants	1																												
Executer les jeux	1	1	1																										
Market Access	1																												

4. Indexes Details

4.1. Tree lists

4.1.1. Overview

A Tree List displays a hierarchical structure through a table. The end user can filter, expand / fold and search.

Only two lists use this rendering:

- Business Capability Maps / Business Capability
- Business Processes

4.1.2. Structure

These pages which implements jQuery. More details can be found at the following URL <https://js.devexpress.com/Demos/WidgetsGallery/Demo/TreeList/Overview/jQuery/Light/>

The data is generated from an HOPEX post generation script and is stored under the <website folder>/json/

4.1.3. Capabilities Tree list

4.1.3.1. Rendering

The Capabilities Tree list shows the following information

Column	Key information
Business Capability	Business Capabilities hierarchy starting from the Business Capability Maps, through the Business Capability Composition
Performance	Performance assessment of relevant Business Capability
Execution	Execution assessment of relevant Business Capability
Supporting Apps	List of applications linked to the Business Capability as Realisers
Modification Date	Last modification date of the Business Capability

4.1.3.2. Customisation

This page uses the DevEpress JS library. For more details :

<https://js.devexpress.com/Demos/WidgetsGallery/Demo/TreeList/Overview/jQuery/Light/>

This page relies on two components:

- The HOPEX Descriptor : HOPEX EA_Index Business Capa Tree List. This contains the HTML and thee Javascript part
- A post generation script "HOPEX EA_Post Generation Script Process and Capa Trees JSON.Macro". This generates a JSON file containing the data:
../json/DatasArrayBCMHierarchy.js

The structure of this file is as follows:

```
var products = [
  {
    text: "Business Capability Name",
    modification_date:"2020/04/14 08:06:35",
    performance:"",
    execution:"",
    link: "F034F0705CF0502C.htm",
    id: "F034F0705CF0502C",
    parent:"F03JKSLMP5CF0502C ",
    applications: [
      {text:"Application Name"}
    ]
  },
]
```

4.1.4. Processes Tree list

4.1.4.1. Rendering

The Processes Tree list shows the following information

Column	Key information
Business Process	Business Process hierarchy, through the Owner Business Process link
Performance	Performance assessment of relevant Business Process
Execution	Execution assessment of relevant Business Process
Supporting Apps	List of applications linked to the Business Process
Modification Date	Last modification date of the Business Process

4.1.4.2. Customisation

This page uses the DevEpress JS library. For more details :

<https://js.devexpress.com/Demos/WidgetsGallery/Demo/TreeList/Overview/jQuery/Li ght/>

This page relies on two components:

- The HOPEX Descriptor : HOPEX EA_Index Business Process Tree List. This contains the HTML and thee Javascript part

- A post generation script "HOPEX EA_Post Generation Script Process and Capa Trees JSON.Macro". This generates a JSON file containing the data:
../json/DatasArrayBCMHierarchy.js

The structure of this file is as follows:

```
var products = [
  {
    text: "Business Process Name",
    modification_date:"2020/04/14 08:06:35",
    performance:"",
    execution:"",
    link: "F034F0705CF0502C.htm",
    id: "F034F0705CF0502C",
    parent:"F03JKSLMP5CF0502C ",
    applications: [
      {text:"Application Name"}
    ]
  },
]
```

4.2. Lists

4.2.1. Overview

These are flat list of items, showing key attributes or associations

4.2.2. Structure

The data is being generated from the relevant HOPEX Descriptor.

The rendering is managed by a single HOPEX Descriptor for all lists (HOPEX EA_General_DataTable_JS) and includes:

- Filtering
- Excel export
- Pagination

More information on the "Datatable" java script library: <https://datatables.net/>

4.2.3. Capabilities list

Column	Key information
Business Capability	Name of the Business Capability
Comment	Comment of the Business Capability
Parent	Parent Business Capability
Components	List of the Business Capability Components
Supporting Applications	List of the supporting Applications (realizer)

4.2.4. Processes list

Column	Key information
Business Process	Name of the Business Process
Code	Comment of the Business Process
Owner	Person defined as the Business Process Owner
Parent	Parent Business Capability
Direct Sub-Process	List of the Business Capability Components
Status	Current workflow status of the Business Process
Release	Modification date

4.2.5. Concepts list

Column	Key information
Name	Name of the Concept
Subject Area	Business Dictionary containing the Concept
Comment	Comment of the Concept
Storage Implementation	Business Information Realizing the Concept
Implementation	Embedding Business Work Product with their sending and receiving Applications

4.2.6. Application portfolios list

Column	Key information
Portfolio	Name of the Portfolio typed as Application Portfolio
Parent Portfolio	Parent Portfolio
Sub Portfolio	List of the Sub Portfolios
Applications	List of the Applications listed in the Portfolio

4.2.7. Applications list

Column	Key information
Application	Name of the Application
Code	Code of the Application
Version	Version of the Application
Current State	Current workflow status of the Application
Business Capability	List of Business Capabilities supported by the Application
Technology	List of Technologies supporting the Application

4.2.8. Projects list

Column	Key information
Project	Name of the Project
Project Domain	Project Domain the Project belongs to
Project Deliverable	List of the Project Deliverable : Application and Project Impact

4.2.9. Technology Portfolios list

Column	Key information
Portfolio	Name of the Portfolio typed as Technology Portfolio
Parent Portfolio	Parent Portfolio
Sub Portfolio	List of the Sub Portfolios
Technology	List of Technologies listed in the Portfolio

4.2.10. Technologies list

Column	Key information
Technology	Name of the Technology
Vendor	Org Unit typed as Vendor providing the Technology
Technology Compliance	Company Standard of the Technology
End of Support	End of the Support of the Technology
End of Extended Support	End of the Extended Support of the Technology

4.2.11. Vendors list

Column	Key information
Vendor	Name of the Org unit typed as Vendor
Software Technology	List of the Technologies provided by the Vendor

5. Object pages details

5.1. Overview

An Object page is broken down into:

- A breadcrumb on top, showing the hierarchical structure
- A sections menu, allowing quick access to relevant data:

- The sections:
 - o Identity: this section displays key attributes
 - o Specific sections showing key links around a given object

The screenshot shows the MEGA application interface. At the top, there is a navigation bar with the MEGA logo and menu items: Business, Information, Application, Technology, Analysis, and a search icon. Below the navigation bar, the breadcrumb trail reads: Home / Business Capability Inventory / BCM As Is / Coeur Métier Jeux. A row of tabs is visible: IDENTITY (selected), DIAGRAM, OWNER BUSINESS CAPABILITY / MAP, CAPABILITY COMPONENTS, FUNCTIONALITY, APPLICATION SYSTEM, and APPLICATION. The 'IDENTITY' section is active, displaying a table with the following data:

Name	Coeur Métier Jeux
Release Date	5/31/2019
Validation State	Update in progress
Comment	Toutes activités liées a la création, la gestion et la délivrance des services et produits aux clients

Below the 'IDENTITY' section, the 'DIAGRAM' section is shown with the message: "There are no diagram for this application." The 'OWNER BUSINESS CAPABILITY / MAP' section contains a table with one entry:

Name	Comment
BCM As Is	

The 'CAPABILITY COMPONENTS' section is currently empty.

5.2. Business Capability Map

Section	Key information
Identity	Name Comment
Diagram	Describing diagram

5.3. Business Capability

Section	Key information
Identity	Name Release Date Validation State Comment
Diagram	Describing diagram
Owner Business Capability / Map	Parent BCM or Parent Business Capability
Functionality	Functionality attached to the Business Capability
Application System	Application system supporting the Business Capability
Application	Application supporting the Business Capability

5.4. Business Process

Section	Key information
Identity	Name Code Parent (link to the Parent Business Process) Comment Status Release Date
Diagram	Describing diagram
Owner	Person linked to Business Process
Sub-process	Component of the Business Process
Application	Application supporting the Business Process

5.5. Concept

Section	Key information
Identity	Name Comment
Store	Application store recording the Concept
Application Flow	Application flow carrying the Concept through Business Work Product

5.6. Application portfolio

Section	Key information
Identity	Name Comment
Applications	Application grouped into the Portfolio
Lifecycle	Gantt chart of all Application lifecycles of the considered portfolio

5.7. Technology portfolio

Section	Key information
Identity	Name Comment
Technologies	Technologies grouped into the Portfolio
Lifecycle	Gantt chart of all Technologies lifecycles of the considered portfolio

5.8. Application

Section	Key information
---------	-----------------

Identity	Name Comment
Diagram	<p>This section shows:</p> <ul style="list-style-type: none"> - First the Impact Force diagram, which is auto generated. This relies on: <ul style="list-style-type: none"> o The JSON generated against each App o The use of a webserver such as IIS <div data-bbox="587 398 1428 940" data-label="Diagram"> <p>The diagram is titled 'DIAGRAM' and has tabs for 'Impacts', 'Application Environment Diagram', and 'Application Tree'. Below the tabs, there are filters for 'Display: Capabilities, Processes, Projects, Applications, Technologies, Portfolios'. A date field shows '2020/05/27' and a 'Colorize by State' checkbox. The diagram itself shows a central 'API Gateway' node with arrows pointing to it from 'Application 1', 'CORE PROCESSES', and 'Capa 2.2'. Arrows also point from 'API Gateway' to 'Gestion des clients' and 'Business Process-2'.</p> </div> <ul style="list-style-type: none"> - A tab per Diagram attached to the App
Owner	Responsibility Assignments and the relevant users
Business Capability	Business Capabilities supported by the Application
Business Process	Business Process supported by the Application
Project	Projects impacting the Application
Version	Versions of the Application, which means Applications linked via the Variations mechanism
Interface	List of sent and received application flows
Data Store	Data stores touched by the Application
Functionality	Functionalities offered by the application
Technologies	Technologies grouped into the Portfolio
Lifecycle	Gantt chart of all Technologies lifecycles of the considered portfolio. Standard HOPEX Report
Technology conflict	Gantt chart highlighting the conflicts between the lifecycles of the Application and its supporting Technologies

5.9. Project

Section	Key information
Identity	Name Comment
Deliverables	List of all deliverables provided by the Project and their Impact

5.10. Technology

Section	Key information
---------	-----------------

Identity	Name Code Company Standard Vendor (link to the Org Unit typed Vendor) Type (link to the _Type) Comment
Owner	Person linked to the Technology
Lifecycle	Lifecycle of the Technology
Using Application	Applications supported by the Technology

5.11. Vendor

Section	Key information
Identity	Name Email address Comment
Technologies	List of all technologies provided by the Vendor