



an NTT DATA Company

DIGIT.B4 – Big Data PoC

GROW – Transpositions

D04.02.User Manual

everis Spain S.L.U

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1 SUPPORT INFORMATION AND POINTS OF CONTACT

Name	Company	Email	Telephone number
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2 INTRODUCTION

2.1 Context

The objective of this proof of concept showcasing the use of big data in the procurement domain, in cooperation with DG GROW, is to prove the usefulness and policy benefit that big data can bring.

This proof of concept shall also demonstrate the use of natural language analysis techniques to check the compliance of the transpositions sent by the European Member States related to EU directives. In the context of the PoC, one directive and its respective national transpositions will be analysed, with the objective of supporting the manual checks currently done by European Commission staff.

2.2 Objective

The aim of this document is to describe how the sections of the tool work, and the actions that a user can take through each of them.

3 SYSTEM OVERVIEW

The purpose of this tool is to display all information related to the directives that have been analysed in this PoC: the country in which each transposition is available, the language in which each transposition is compared to the directive, and the percentage of compliance of every transposition.

In order to obtain more information about each transposition, all articles of the directives and the three paragraphs of the transposition having the greatest compliance with each article will be also shown.

The results of the analysis are published in a web tool with a standard content distribution.

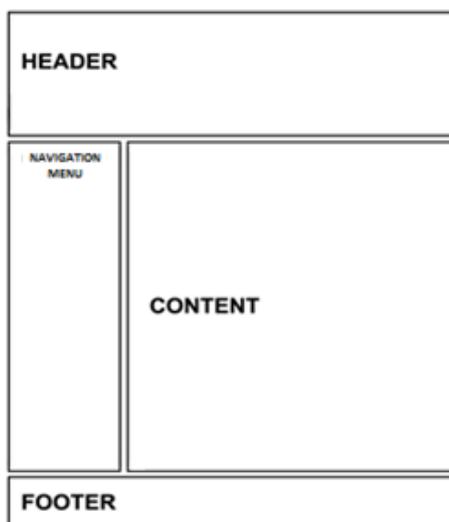


Figure 1- Web tool scheme

Header

The header contains the title of the PoC.

Content

The content section shows the results that the user can visualise in each section (“Status of the transpositions” section and “Compliance and status of articles” section).

Navigation menu

The navigation menu contains a list of the different directives that can be chosen by the user.

Footer

The footer contains additional information about the tool.

4 GETTING STARTED

The “Home” section is the point of entry to the tool, and is displayed to the user upon accessing the tool.

In the “Home” section, the user will see a table where all directives analysed in the PoC are shown. The user can click on the PDF button that redirects to the original directive in PDF format on the European Commission website in English.

There is also an introductory paragraph under the header, which describes the objectives of the tool.

In the footer, different links can be found. These links allow the user to access additional informative sections of the tool, as well as the websites of the entities involved in this project. The footer is presented on all pages as well as the header. The links in the footer are:

- Policies and Guidelines
- Contact
- European Commission
- everis

5 USING THE SYSTEM

This section presents all the functionalities of the application and their modes of use.

5.1 “Home” section

The “Home” section shows a list of all directives analysed in the PoC.

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GROW - Transpositions

Big Data - Analytics PoC over directives

This proof of concept, showcases the usefulness of applying text mining techniques to support the compliance of the transpositions sent by the countries of the European Commission related to some directives. In the context of the PoC, two different directives and their respective national transpositions are analysed, with the objective of supporting the manual checks currently done by European Commission staff.

DIRECTIVE 2014/60/EU	DIRECTIVE 2014/60/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 15 May 2014 on the return of cultural objects unlawfully removed from the territory of a Member...	
DIRECTIVE 2011/7/UE	DIRECTIVE 2011/7/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 February 2011 on combating late payment in commercial transactions	

Policies and Guidelines | Contact

Figure 2 – “Home” section

Once the user accesses the tool, this section is displayed. The user sees a table in which each row shows the identification code and complete name for each directive, and the PDF link to each directive in English.

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Big Data - Analytics PoC over directives

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DIRECTIVE 2014/60/EU	DIRECTIVE 2014/60/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 15 May 2014 on the return of cultural objects unlawfully removed from the territory of a Member...	
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 Identification
code


 Full directive
name


 PDF button



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Figure 3 - Structure of “Home” section

In addition, the “Home” section is the entry point to the “Status of the transposition” section, which can be accessed by clicking on the table row corresponding to the directive on which the user wishes to obtain information. Only one directive can be chosen.

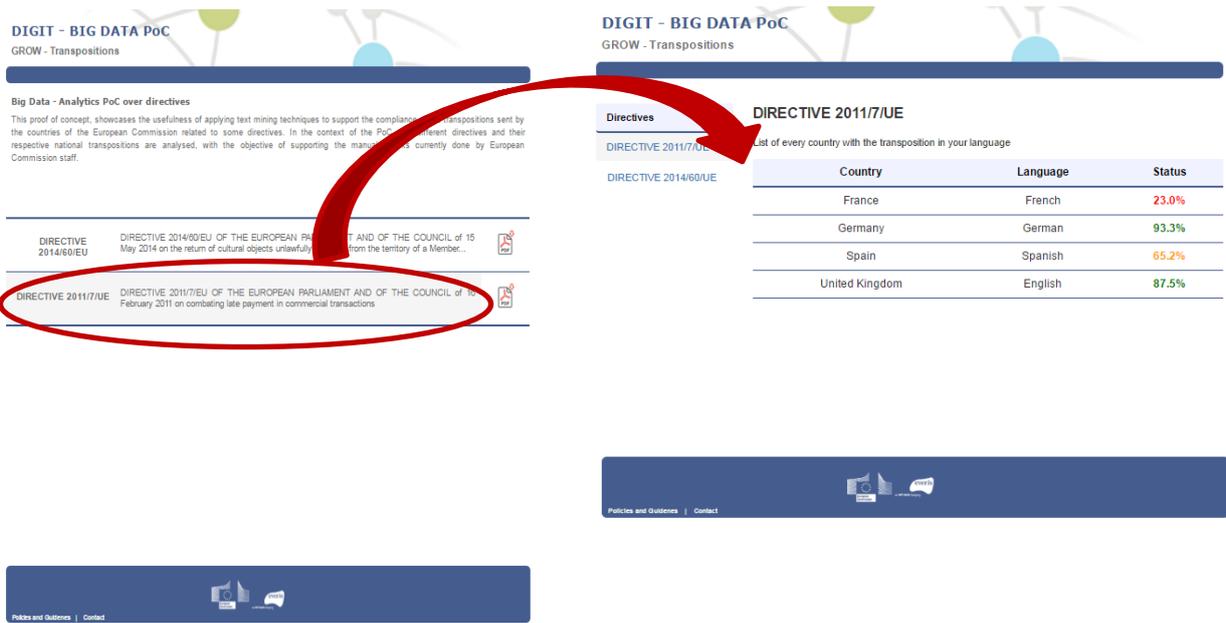


Figure 4 - "Home" to next section

Regarding the full name visualisation, if the directive name is too long and does not fit the size of the row, it will be cut off.



Figure 5 - Name too long example

Additionally, a tooltip will appear for each directive if the user hovers over its name. The tooltip shows the full directive name.

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Big Data - Analytics PoC over directives

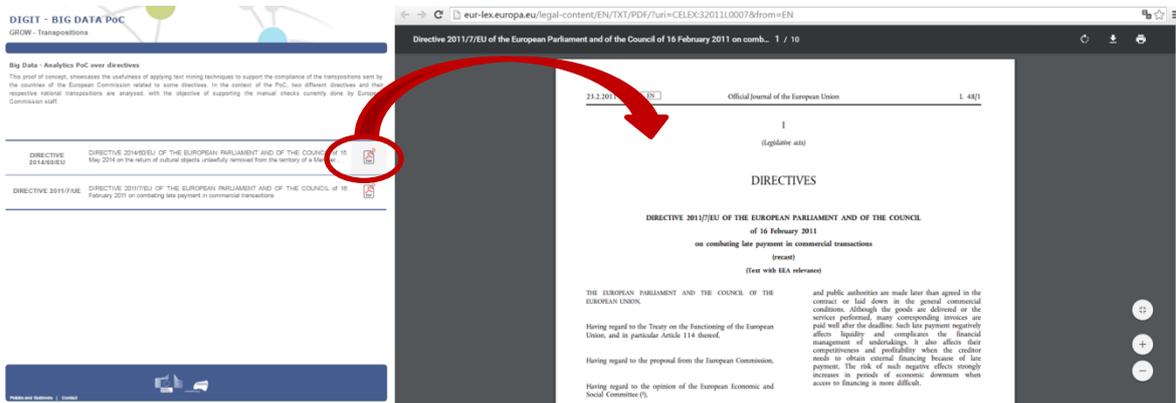
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DIRECTIVE 2014/60/EU	DIRECTIVE 2014/60/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 15 May 2014 on the return of cultural objects unlawfully removed from the territory of a Member State.	
DIRECTIVE 2011/7/EU	DIRECTIVE 2011/7/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 February 2011 on combating late payment in commercial transactions.	

Polkes and Guillems | Contact

Figure 6 - Tooltip name example

The user can click on the PDF button, which links to the original directive in PDF format on the European Union law website.



The screenshot shows a web browser displaying the 'DIGIT - BIG DATA PoC' interface. On the left, there is a list of directives with a table structure. A red circle highlights the PDF icon next to the entry for Directive 2011/7/EU. A red arrow points from this icon to the PDF icon in the detailed view of the directive on the right. The detailed view shows the title 'Directive 2011/7/EU of the European Parliament and of the Council of 16 February 2011 on combating late payment in commercial transactions' and the beginning of the text in the Official Journal of the European Union.

Figure 7 - Clicking on PDF button

Finally, the user will be able to return to the “Home” section from any other section by clicking on the PoC title.



Figure 8 – “Status of the transpositions” section to “Home” section

5.2 Navigation menu

On the left panel of the content sections (“Status of the transpositions” and “Compliance and status of articles”) there is a navigation menu that lets the user choose one directive from all the directives available. Only one directive can be chosen.



Figure 9 - Navigation menu

If an available directive is clicked in the “Status of the transpositions” section, all analysed transpositions related to the directive will be displayed.

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GROW - Transpositions

DIRECTIVE 2011/7/UE
List of every country with the transposition in your language

Country	Language	Status
France	French	23.0%
Germany	German	93.3%
Spain	Spanish	65.2%
United Kingdom	English	87.5%

Figure 10 – Navigation menu in “Status of the transpositions” section

If an available directive is clicked in the “Compliance and status of articles” section, the tool will redirect the user to the “Status of the transpositions” section to allow choosing one of the transpositions available for the selected directive.

DIRECTIVE 2011/7/UE for United Kingdom & English
List of every country with the transposition in your language

Articles	Automatic Status	Confirmation Status
> article1	22.0%	⊗ ⊕
> article2	31.0%	⊗ ⊕
> article3	24.0%	⊗ ⊕
> article4	39.0%	⊗ ⊕
> article5	43.0%	⊗ ⊕
> article6	28.0%	⊗ ⊕
> article7	19.0%	⊗ ⊕
> article8	17.0%	⊗ ⊕
> article9	12.0%	⊗ ⊕
> article10	21.0%	⊗ ⊕

DIRECTIVE 2011/7/UE
List of every country with the transposition in your language

Country	Language	Status
France	French	23.0%
Germany	German	93.3%
Spain	Spanish	65.2%
United Kingdom	English	87.5%

Figure 11 – Navigation menu in “Compliance and status of articles” section

5.3 “Status of transpositions” section

The “Status of the transpositions” section displays the available countries, languages and percentages of compliance for each transposition of the selected directive. For instance, in the following figure, “DIRECTIVE 2011/7/UE” was clicked and the available transpositions for France, Germany, Spain and United Kingdom were displayed.



Figure 12 - “Status of the transpositions” section

The information of the available transpositions is shown in a table with the following fields:

- Country
- Language
- Status

The “**Country**” field represents the name of the country of the analysed transposition.

The “**Language**” field refers to the language of the analysed transposition.

The “**Status**” field represents the percentage of compliance of **each** transposition, calculated by an average of the compliance of each article. The possible values are:

- **70 % – 100 %** → The transposition has a high percentage of compliance with the article.
- **40 % – 69 %** → The transposition has a medium percentage of compliance with the article.

- **0 % - 39 %** → The transposition has a low percentage of compliance with the article.

In the following figure shows a France transposition related to the Directive 2011/7/UE that has 23% compliance, meaning this transposition has a low compliance. Germany and the United Kingdom transpositions have 93.3% and 87.5% compliance, meaning these transpositions have a high percentage of compliance.

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GROW - Transpositions

Directives

DIRECTIVE 2011/7/UE

List of every country with the transposition in your language

Country	Language	Status
France	French	23.0%
Germany	German	93.3%
Spain	Spanish	65.2%
United Kingdom	English	87.5%

Directives

DIRECTIVE 2011/7/UE

DIRECTIVE 2014/60/UE

Politics and Guidelines | Contact

Figure 13 - “Structure status of the transpositions” section

In order to obtain more information about one given transposition, the user can click on the corresponding table row and will be redirected to the next section: “Compliance and status of articles”.

DIGIT - BIG DATA PoC
GROW - Transpositions

Directives

DIRECTIVE 2011/7/UE

List of every country with the transposition in your language

Country	Language	Status
France	French	23.0%
Germany	German	93.3%
Spain	Spanish	65.2%
United Kingdom	English	87.5%

Directives

DIRECTIVE 2011/7/UE for United Kingdom & English

List of every country with the transposition in your language

Articles	Automatic Status	Confirmation Status
> article1	22.0%	⊗ ⊙
> article2	31.0%	⊗ ⊙
> article3	24.0%	⊗ ⊙
> article4	39.0%	⊗ ⊙
> article5	43.0%	⊗ ⊙
> article6	28.0%	⊗ ⊙
> article7	19.0%	⊗ ⊙
> article8	17.0%	⊗ ⊙
> article9	12.0%	⊗ ⊙
> article10	21.0%	⊗ ⊙

Politics and Guidelines | Contact

Figure 14 – “Status of the transpositions” section to next section

5.4 “Compliance and status of articles” section

The “Compliance and status of articles” section displays a list of all articles into which a directive is divided. In addition, automated and confirmed statuses per article are shown.

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GROW - Transpositions

Directives

- DIRECTIVE 2014/60/EU
- DIRECTIVE 2011/7/UE**

DIRECTIVE 2011/7/UE for United Kingdom & English

List of every country with the transposition in your language

Articles	Automatic Status	Confirmation Status
> article1	22.0%	<input type="checkbox"/> <input checked="" type="checkbox"/>
> article2	31.0%	<input type="checkbox"/> <input checked="" type="checkbox"/>
> article3	24.0%	<input type="checkbox"/> <input checked="" type="checkbox"/>
> article4	39.0%	<input type="checkbox"/> <input checked="" type="checkbox"/>
> article5	43.0%	<input type="checkbox"/> <input checked="" type="checkbox"/>
> article6	28.0%	<input type="checkbox"/> <input checked="" type="checkbox"/>
> article7	19.0%	<input type="checkbox"/> <input checked="" type="checkbox"/>
> article8	17.0%	<input type="checkbox"/> <input checked="" type="checkbox"/>
> article9	12.0%	<input type="checkbox"/> <input checked="" type="checkbox"/>
> article10	21.0%	<input type="checkbox"/> <input checked="" type="checkbox"/>


[Policies and Guidelines](#) | [Contact](#)

Figure 15 – “Compliance and status of articles” section

Once the user accesses the “Compliance and status of articles” section, the information about the selected transposition is shown in a table with the following fields:

- Articles

- Automatic Status
- Confirmation Status

The “Articles” field contains the number of each article of the directive.

The “Automatic Status” field represents the results of the automatic analysis. The value corresponds to the highest percentage of compliance between all paragraphs to a given article.

The possible values are:

- **70 % – 100 %** → The paragraph of the transposition which most complies with the article of the directive has a percentage of compliance between 70% and 100%.
- **40 % – 69 %** → The paragraph of the transposition which has medium compliance with the article of the directive has a percentage of compliance between 40% and 60%.
- **0 % - 39 %** → The paragraph of the transposition which least complies with the article of the directive has a percentage of compliance between 0% and 39%.

The “Confirmation Status” field represents the status of each article (approval or disapproval). The possible values are:

- Green check  : If green check is shown, it means that this article has been validated manually by the user and he/she agreed with the paragraphs identified by the tool as having the highest percentage of compliance with this article.

If the button is non-clickable, it means someone has confirmed the status before.

- Red check  : If red check is shown, it means that this article has been validated manually by the user and he/she did not agree with the paragraphs identified by the tool as having the highest percentage of compliance with this article.

If the button is non-clickable, it means someone has confirmed the status before.

- Green and red check   : If both checks are shown, it means that this article has not been validated by the user. He/she can click on the red check  to disagree or the green check  to agree.

The following figure shows:

- Article 1 with the green check, meaning this article was validated and the user agreed with the paragraphs identified by the tool as having the highest percentage of compliance;
- Article 2 with the red check, meaning this article was validated and the user disagreed with the paragraphs identified by the tool as having the highest percentage of compliance;

- Article 3 with the green and red check, meaning this article is not confirmed yet.

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GROW - Transpositions

Articles	Automatic Status	Confirmation Status
> article1	19.0%	<input checked="" type="checkbox"/>
> article2	13.0%	<input type="checkbox"/>
> article3	46.0%	<input type="checkbox"/> <input checked="" type="checkbox"/>
> article4	42.0%	<input type="checkbox"/> <input checked="" type="checkbox"/>
> article5	18.0%	<input type="checkbox"/> <input checked="" type="checkbox"/>
> article6	27.0%	<input type="checkbox"/> <input checked="" type="checkbox"/>
> article7	17.0%	<input type="checkbox"/> <input checked="" type="checkbox"/>
> article8	13.0%	<input type="checkbox"/> <input checked="" type="checkbox"/>
> article9	12.0%	<input type="checkbox"/> <input checked="" type="checkbox"/>
> article10	20.0%	<input type="checkbox"/> <input checked="" type="checkbox"/>

Figure 16 - Confirmed status example

Once the user clicks on the green or red check, a message will appear to confirm whether they want to validate the article. It is necessary to click on the accept button to confirm the status. Otherwise, if the message is closed or the cancel button is clicked, the article is unconfirmed and both checks will still appear.

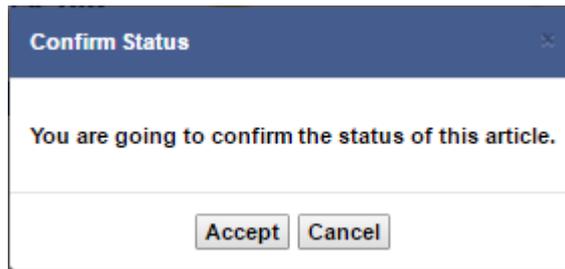


Figure 17 - Message to confirm the status of an article

The user can also obtain the details of each article by clicking on the table row of the article that they want to see. A breakdown of the article will appear, showing the original article and the three paragraphs of the transposition that have the highest compliance (percentage) with the selected article, both in the language of the selected transposition.

For each paragraph, the percentage of compliance with the selected article is displayed.

The possible values for the percentages are:

- **70 % – 100 %** → The paragraph of the transposition has a high percentage of compliance with the article.
- **40 % – 69 %** → The paragraph of the transposition has a medium percentage of compliance with the article.
- **0 % - 39 %** → The paragraph of the transposition has a low percentage of compliance with the article.

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GROW - Transpositions

- Directives
- DIRECTIVE 2014/60/EU
- DIRECTIVE 2011/7/UE

DIRECTIVE 2011/7/UE for United Kingdom & English

List of every country with the transposition in your language

Articles	Automatic Status	Confirmation Status
<p>▼ article1</p> <p>Original</p> <p>1. the aim of this directive is to combat late payment in commercial transactions, in order to ensure the proper functioning of the internal market, thereby fostering the competitiveness of undertakings and in particular of smes. 2. this directive shall apply to all payments made as remuneration for commercial transactions. 3. member states may exclude debts that are subject to insolvency proceedings instituted against the debtor, including proceedings aimed at debt restructuring.</p> <p>Transposition paragraph 1 31.0%</p> <p>4. legislative context 4.1 the united kingdom introduced late payment legislation in 1998. the late payment of commercial debts (interest) act 1998 introduced a statutory right to interest on debts owed to a supplier under a contract where payment was made late. late payment within this context is any payment made after the statutory period for payment set out in the 1998 act has expired. 4.2 the late payment of commercial debts regulations 2002 (si 2002 no. 1674) implemented european directive 2000/35/ec. this directive was recast in 2011. the late payment of commercial debts regulations 2013 (si 2013 no. 395) amended the late payment of commercial debts (interest) act 1998 to implement european directive 2011/7/eu (recast) on combating late payment in commercial transactions. 4.3 the aim of the recast directive was to make pursuing payment a simpler process across the european union, reducing the culture of paying late and making paying on time the norm. this came into force on 16 march 2013. in the two years since the 2013 regulations came into effect, the department for business, innovation and skills has become aware that section 4 of the 1998 act has caused some confusion to stakeholders. 4.4 the european commission has raised similar concerns about the clarity of section 4 of the 1998 act. these regulations also respond to concerns raised by the european commission about the clarity of our existing implementing measures as regards maximum payment periods.</p> <p>Transposition paragraph 2 20.0%</p> <p>7. policy background what is being done and why 7.1 the recast directive is designed to strengthen current legislation and to combat the culture of late payments in commercial transactions within the european union, by laying down common minimum requirements, essentially extending the protections already enjoyed by uk businesses across the union. 7.2 government supports the recast directive as it seeks to create a level playing field for uk suppliers trading across the single market and is aimed at creating an environment where paying on time is the norm and late payment is seen to be unacceptable across the business community. the recast directive contains measures which require debtors to pay interest and reimburse the reasonable recovery costs of the creditor, if they do not pay for goods and services on time (in most cases 60 days for business and 30 days for public authorities). 7.3 the amending regulations clarify the maximum 30 and 60 days payment terms to be honoured by purchasers under the act as noted above.</p> <p>Transposition paragraph 3 15.0%</p> <p>the scottish ministers make the following regulations in exercise of the powers conferred by section 2(2) of the european communities act 1972(a) and all other powers enabling them to do so.</p>	31.0%	<p>⊗ ⊕</p>
<p>► article2</p>	30.0%	<p>⊗ ⊕</p>

Figure 18 - Breakdown of article example

The keywords found in the original article and transposed paragraph will be shown in green for each paragraph and article.

> article1	31.0%	⊗	⊙
▼ article2	30.0%	⊗	⊙

Original

for the purposes of this directive, the following definitions shall apply: (1) 'commercial transactions' means transactions **between undertakings** or **between undertakings** and public authorities which lead to the delivery of goods or the provision of services for remuneration; (2) 'public authority' means any contracting authority, as defined in point (a) of article 2(1) of directive 2004/17/ec and in article 1(9) of directive 2004/18/ec, regardless of the subject or value of the contract; (3) 'undertaking' means any organisation, other than a **public authority**, acting in the course of its independent economic or professional activity, even where that activity is carried out by a single person; (4) 'late payment' means payment not made within the contractual or statutory period of payment and where the conditions set out in article 3(1) or article 4(1) are satisfied; (5) 'interest for late payment' means **statutory interest** for the payment or interest at a rate agreed upon **between undertakings**, subject to article 7; (6) 'statutory interest' for late payment means simple interest for late payment at a rate which is equal to the sum of the **reference rate** and at least **eight percentage points**; (7) 'reference rate' means either of the following: (a) for a member state whose currency is the euro, either: (i) the interest rate applied by the european central bank to its most recent main refinancing operations; or (ii) the marginal interest rate resulting from variable rate tender procedures for the most recent main refinancing operations of the european central bank; (b) for a member state whose currency is not the euro, the equivalent rate set by its national central bank; (8) 'amount due' means the principal sum which should have been paid within the contractual or statutory period of payment, including the applicable taxes, duties, levies or charges specified in the invoice or the equivalent request for payment; (9) 'retention of title' means the contractual agreement according to which the seller retains title to the goods in question until the price has been paid in full; (10) 'enforceable title' means any decision, judgment or order for payment issued by a court or other competent authority, including those that are provisionally enforceable, whether for immediate payment or payment by **instalments**, which permits the creditor to have his claim against the debtor collected by means of forced execution.

Transposition paragraph 1 30.0%

part heading, 4, the heading "part i" is deleted, amendments to section 1. 5.(1) in section 1(3) of the principal act? (a) for the definitions "contract for the supply of goods and services or services alone" and "contract price" substitute the following definitions? " **amount due** " means the principal sum which should have been paid within the contractual or statutory period of payment, including the applicable taxes, duties, levies, or charges specified in the invoice, the equivalent request for payment; "applicable interest rate" means for the first **6 months** of any year the **statutory interest** prevailing on **1 january** of that year and for the next **6 months** of any year the **statutory interest** prevailing on **1 july** of that year; "commercial transactions" means transactions **between undertakings** or **between undertakings** and public authorities which lead to the supply of goods or the provision of services for remuneration; "debt" means any **amount due** from time to time under a relevant contract; "directive" means directive 2011/7/eu of the european parliament and of the council on combating late payment in commercial transactions, as the same may be amended from time to time; "grossly unfair term" means any contractual term or practice? (a) that is determined by the supreme court of gibraltar to be grossly unfair taking into account all the circumstances of any case, including? (i) any **gross deviation** from good commercial practice, contrary to **good faith** and fair dealing, (ii) the nature of the product or the service, and (iii) whether the debtor has any objective reason to deviate from the **statutory interest**, from the payment period as provided for in sections 4(2), 6, 7 and 8 or from the fixed compensation as provide for in section 11; (b) that **excludes interest** for late payment; (c) that excludes compensation for recovery of costs as provided for in section 11, and an agreement shall be deemed to be "grossly unfair" where it includes such a term or practice; "interest for late payment" means **statutory interest** or, subject to sections 13 and 14, interest at a rate agreed upon **between undertakings**; "interest payment date" means, subject to the provisions of section 11, which provisions shall apply in the circumstances defined in that section, the date calculated in accordance with the provisions of section 4 in the case of a relevant contract, **as between undertakings** and as determined in accordance with section 5 in the case of a commercial transaction in which the debtor is a **public authority**; "late payment" means payments that are not made within the contractual or statutory period of payment under a relevant contract and where the conditions laid down in section 3 are satisfied;"; (b) in the definition "minister", for the words "trade and industry" substitute the words "commercial affairs"; (c) for the definitions "purchaser" and "qualifying debt" substitute the following definitions? " **public authority** " means any contracting authority as specified in regulation 3 of the procurement (public contracts) regulations 2012, regardless of the subject or value of the contract; "relevant contract" means any contract to which this act applies; "representative body" means an organisation falling within section 14(a) or (b); (c) for the definitions "purchaser" and "qualifying debt" substitute the following definitions? " **public authority** " means any contracting authority as specified in regulation 3 of the procurement (public contracts) regulations 2012, regardless of the subject or value of the contract; "relevant contract" means any contract to which this act applies; "representative body" means an organisation falling within section 14(a) or (b); (d) in the definition " **statutory interest** " for the words "means interest carried by virtue of the term implied by section 2(1); and" substitute the words "means simple interest for late payment at the rate of 8% above the base rate set by the gibraltar savings bank for savings on the day the debt became due; if the base rate changes thereafter, the **reference rate** shall also change to remain 8% above the base rate."; (e) for the definition "supplier" substitute the following definition? "undertaking" means any organisation, other than a **public authority**, acting in the course of its independent economic or professional activity and includes where the activity is carried out by a single person.; (2) after section 1(3) of the principal act insert the following subsection? "(4) any term used but not defined shall have the meaning given to it in the directive.".

Figure 19 – Green keywords example

In addition, if the user clicks again on the table row, the breakdown will hide.

Articles	Automatic Status	Confirmation Status
> article1	31.0%	⊗ ⊕
> article2	30.0%	⊗ ⊕
> article3	26.0%	⊗ ⊕
> article4	34.0%	⊗ ⊕

▼ article1 31.0% ⊗ ⊕

Original

1. the aim of this directive is to combat late payment in commercial transactions, in order to ensure the proper functioning of the internal market, thereby fostering the competitiveness of undertakings and in particular of SMEs. 2. this directive shall apply to all payments made as remuneration for commercial transactions. 3. member states may exclude debts that are subject to insolvency proceedings instituted against the debtor, including proceedings aimed at debt restructuring.

Transposition paragraph 1 31.0%

4. legislative context 4.1 the united kingdom introduced late payment legislation in 1998, the late payment of commercial debts (interest) act 1998 introduced a statutory right to interest on debts owed to a supplier under a contract where payment was made late. late payment within this context is any payment made after the statutory period for payment set out in the 1998 act has expired. 4.2 the late payment of commercial debts regulations 2002 (si 2002 no. 1074) implemented european directive 2000/35/ec. this directive was recast in 2011, the late payment of commercial debts regulations 2013 (si 2013 no. 395) amended the late payment of commercial debts (interest) act 1998 to implement european directive 2011/7/eu (recast) on combating late payment in commercial transactions. 4.3 the aim of the recast directive was to make pursuing payment a simpler process across the european union, reducing the culture of paying late and making paying on time the norm. this came into force on 10 march 2013. in the two years since the 2013 regulations came into effect, the department for business, innovation and skills has become aware that section 4 of the 1998 act has caused some confusion to stakeholders. 4.4 the european commission has raised similar concerns about the clarity of section 4 of the 1998 act, these regulations also respond to concerns raised by the european commission about the clarity of our existing implementing measures as regards maximum payment periods.

Figure 20 - Clicking on article example

6 SYSTEM SUMMARY

The following table shows the different functions provided by the website.

Functionality	Description
Visualise a list of directives	Visualises a list of all the directives that have been analysed
Visualise the original directive	Visualises the original directive in pdf format in English
List of transpositions	Visualises all transpositions available per directive, along with country and language information
Visualise the compliance of each transposition	Visualises the compliance of each transposition available for a given directive
Filter directives	Filters by name a given directive
List articles	Visualises all articles of a given directive in the language of the chosen transposition
Show article	Shows the original text of each article in the language of the selected transposition
Visualise the compliance of the article	Visualises the compliance of each article for a selected directive
Visualise the status of the article	Visualises the status of all articles for a selected directive
Confirm status of article	Confirms the status of each article of the selected transposition
Show transposed article	Shows text of the three paragraphs which have the highest compliance with a given article.
Visualise compliance of a paragraph	Visualises the compliance of each paragraph for a given article

Table 1 - Summary of system functionalities