

# ARROW

Accessible Registries of Rights Information  
and Orphan Works towards Europeana

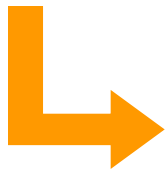


# Agenda

- Introduction
  - ▣ What is ARROW
  - ▣ What are rights information
- Arrow and orphan works
  - ▣ The diligent search
  - ▣ The registry of orphan works
  - ▣ The claiming function
  - ▣ End the orphan status

# What is ARROW

- ARROW is a system to support libraries in increasing the dimension of their digital libraries and making them available to users
  - ▣ facilitating the inclusion of copyrighted material
  - ▣ supporting the search for the rights status and rightsholders in an automated, streamlined and standardised way
  - ▣ reducing time and costs of the search process
  - ▣ building an alliance between libraries, publishers, authors and commercial players towards common services



ARROW system addresses the issue of Orphan Works but goes beyond it towards a comprehensive Rights Information Infrastructure to search for information on all categories of books



**A work becoming orphaned is essentially an issue of missing or incomplete information**

# ARROW system components

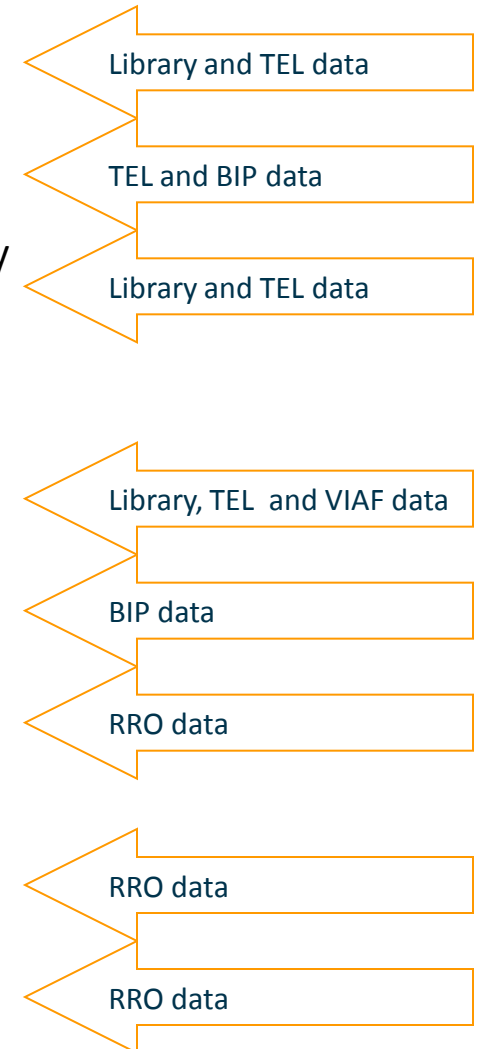
- ARROW facilitates the process of carrying out a search for the rights status and rightholders of a book by means of a comprehensive system:
  - ▣ **Arrow Web Portal Services:** it represents the interface between the user and the system
  - ▣ **The Rights Information Infrastructure (RII):** it is the backbone of the ARROW system and the engine that enables ARROW to query and retrieve information, to process this information and take decisions on the successive elaboration and finally to exchange information according to a planned workflow
  - ▣ **The ARROW Work Registry (AWR):** it stores all the relevant pieces of information collected by the RII workflow in a structured way that allows the retrieval and use of those information in the framework of ARROW services
  - ▣ **The Registry of Orphan Works (ROW):** it is the subset of the AWR referring to works that have been declared as “probably orphan”

# ARROW search for rights information

- ARROW approach was worked out to be compliant with the HLG guidelines on diligent search
  - ▣ the search is done prior to the use of the work
  - ▣ the search is done title by title or work by work
  - ▣ each step of the search is documented and results stored
  - ▣ the workflow is executed on country-basis according to country of the work's origin
- ARROW acts as interoperability facilitator and gives access to a network of distributed data providers to search:
  - ▣ National libraries catalogues via The European Library
  - ▣ Virtual International Authority File
  - ▣ Books in Print databases, usually based on ISBN databases
  - ▣ Collective Management Organisations repertoires
  - ▣ Other resources can be integrated “on demand” for each national workflow

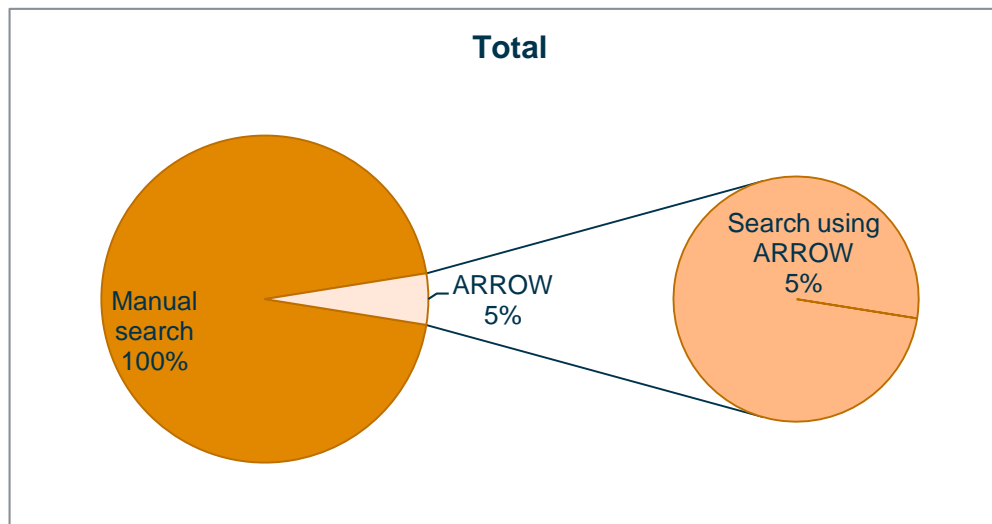
# The ARROW rights information “family”

- Work and manifestation information
  - the work (≈ Expression) of which the item the library wants to digitise is a manifestation
  - other manifestations of the same work (≈ Expression)
  - other works (Expressions) related to the work the item the library wants to digitise is a manifestation
  
- A set of information on the rights status of the work (aka ARROW Assertions)
  - whether the work is copyrighted or in the public domain
  - whether the work is In Print or Out of Print (as well as whether each manifestation of the work is In Print or Out of Print)
  - whether the work is considered Orphan or rightholders are known and traceable
  
- A set of information on rights and rightholder
  - who is the rightholder or rightholder representative to be contacted to obtain the permission to digitise and use a work
  - how to get the licence to digitise and use the work, when appropriate



# Benefits in using ARROW for the search

- Suitable for any model requiring a “diligent search”
  - ▣ Supporting the diligent search process in an automated, streamlined and standardised way
  - ▣ Flexible to serve any diligent search model
  - ▣ Neutral to the legal framework and licensing solution adopted



ARROW search = 5 % of Manual search time

# From Rights Information to Orphan Works

- At the end of the process in ARROW, all information retrieved during the search are stored in the ARROW Work Registry
  - For each work, basic bibliographic information are displayed, along with the set of ARROW assertions on its rights status: in public domain/copyrighted; in print/out of print; orphan/not orphan
  - For each work, published manifestations are displayed, being the source of information the National library (TEL catalogue) or the Books in Print database
  - For each work, its history is maintained to document the search: how ARROW Assertions change over time
  - In the case of Orphan Works the information stored are publicly accessible and form the Registry of Orphan Works
  - The Registry of Orphan Works will be available for searches and for rightsholder to claim their rights ownership individually or through a collective representative organisation or agent



# Registry of Orphan Works functions and services

- Public available service
  - ▣ Search in the ROW
- Claiming service for rightholders
  - ▣ claiming of rights ownership
  - ▣ browse of own claiming requests and their status – My claims
  - ▣ receive notification of accepted/refused claim
- Back office service for the ROW manager
  - ▣ browse of claiming requests
  - ▣ management of claiming requests
  - ▣ approval or refusal of claiming requests
  - ▣ update of the work rights status and history

# Registry of Orphan Works

## Simple Search

Search:

Work  Manifestation 

Title

Contributors



Search

Reset

1

Work ID	Title	Contributor(s)	Language	Work date	Detail	Work Status	History	Claim
AWID-100000223-3	Yorkshire farming memories	Harrison, Stephen Castle Museum (York, England)	English	1981		Copyright Probably Orphan		
<a href="#">view manifestations for this work</a>								
AWID-100000235-7	The spik o' the lan'	Blackhall, Sheena.	sco	1986		Copyright Status Unspecified Probably Orphan		
<a href="#">view manifestations for this work</a>								
AWID-100000255-1	Studies in the Theory of Descent	Weismann, August Meldola, Raphael.	English	1882		Copyright Status Unspecified Probably Orphan		
<a href="#">view manifestations for this work</a>								
AWID-100000367-1	Ivre de livres	Nadaud, Alain	French	1989		Not Currently Active Copyright Probably Orphan		

# Document Diligent Search

1

Work ID	Title	Contributor(s)
AWID-100000223-3	Yorkshire farming memories	Harrison, Stephen Castle Museum (York, England)
<a href="#">view manifestations for this work</a>		
AWID-100000235-7	The spik o' the lan'	Blackhall, Sheila
<a href="#">view manifestations for this work</a>		

Transaction ID	Publishing Status	Copyright Status	Orphan Status	Assertion Date
ARROW_20110203092538_650	-	Copyright	Orphan Status Unspecified	Thu Feb 03 09:27:25 CET 2011
ARROW_20110228175741_783	-	Copyright Status Unspecified	Probably Orphan	Fri Apr 08 17:58:47 CEST 2011

AWID-100000255-1	Studies in the Theory of Descent	Weismann, August Meldola, Raphael.	English	1882		Copyright Status Unspecified Probably Orphan		
<a href="#">view manifestations for this work</a>								
Identifier(s)	Title	Contributor(s)	Publisher	Publication Date		Force		
<b>Proprietary</b> 006818635	Studies in the Theory of Descent /	Weismann, August, Meldola, Raphael.	Sampson Low, Marston, Searle and Rivington,	1882		TEL		

AWID-100000367-1	Ivre de livres	Nadaud, Alain	French	1989		Not Currently Active Copyright Probably Orphan		
<a href="#">view manifestations for this work</a>								

History of the Work

# Put an end to the Orphan Status

## Simple Search

Search:  Work  Manifestation

Title

Contributors  +

1

Work ID	Title	Contributor(s)	Language	Work date	Detail	Work Status	History	Claim
AWID-100000223-3	Yorkshire farming memories	Harrison, Stephen Castle Museum (York, England)	English	1981		Copyright Probably Orphan		
<a href="#">view manifestations for this work</a>								
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<a href="#">view manifestations for this work</a>								
AWID-100000367-1	Ivre de livres	Nadaud, Alain	French	1989		Not Currently Active Copyright Probably Orphan		

Rightholders can claim for rights ownership



# Rightholders - Register as a claimer

## Create a new account

Use the form below to create a claiming account.

\* required  
\*\* required when corresponding checkbox checked

### Personal Info

First Name  \*

Last Name  \*

Address

City

Province

Postal code

Country  \* This is a required field

### Account type

Author

Publisher

Agent

Collective Management Organization

Name of Company  \*\*

Rightholders can claim their rights on a work individually or through their representatives

How would you like to be contacted? (choose at least one method)

by E-Mail

by Phone

by Fax

# Rightholders - Claim for rights ownership



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## Claiming Request

Your claiming request will be done on the work:

### Work

ARROW Work ID	AWID-100000145-8
Title	Practical politics: an object lesson
Contributor(s)	Blatchford, Robert

### I claim on behalf of the rightholder

#### Rightholder information

Person

First Name  \*

Last Name  \*

Publisher

Name of Company

Role of the rightholder with respect to the work

Author

Translator

Illustrator

Other

# Rightholders - My claims



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## My Claiming Requests

This is the case of a CMO claiming on behalf of many represented rightholders

Work Id	Work Title	RightHolder	Status	Request date	Elaboration date	Response date
AWID-100000323-X	Cuando yo era niño	Nieto Amada, Josè Luis <b>author of introduction and commentaries</b>	Accepted	2011/04/15	2011/04/15	2011/04/17
AWID-100000084-2	Tanz durch's Infrarot	Wyss, Hans <b>heir of the author</b>	Under elaboration	2011/04/15	2011/04/15	
AWID-100000133-4	Venice: a dream of the Adriatic	Thomas Cook Group <b>publisher</b>	Accepted	2011/04/15	2011/04/15	2011/04/17
AWID-100000311-6	My darling's story book	Pesch, Doro <b>illustrator</b>	Under elaboration	2011/04/08	2011/04/15	
AWID-100000205-5	Notes on-- the churches of St. Helen, St. Nicholas, St. Michael, Abingdon	Abingdon Churches Council <b>publisher</b>	Accepted	2011/04/08	2011/04/08	2011/04/15
AWID-100000271-3	Selected poems	Mazzucchi-Oliver, Paola <b>bernard oliver's heir (daughter)</b>	Accepted	2011/04/08	2011/04/08	2011/04/08

# ROW manager – back office



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## Claiming Requests

1 2

Work	Request date	Claimant	Status	Elaboration date	Response date	Action
AWID-10000128-8	2011/04/19	gregory, gabriella <b>author</b>	Under elaboration	2011/04/19		
AWID-10000145-8	2011/04/14	Blatchford, John <b>author</b>	Accepted	2011/04/15	2011/04/19	
AWID-10000154-7	2011/04/15	AIE <b>publisher</b>	Refused	2011/04/15	2011/04/15	
AWID-10000192-X	2011/04/17	Griffin, H.J. Junior <b>author</b>	Pending			
AWID-10000203-9	2011/04/17	People's Literary Agency <b>agent</b>	Pending			
AWID-10000190-3	2011/04/17	People's Literary Agency <b>agent</b>	Under elaboration	2011/04/17		
AWID-10000323-X	2011/04/15	Global CMO <b>cmo</b>	Accepted	2011/04/15	2011/04/17	
AWID-10000084-2	2011/04/15	Global CMO <b>cmo</b>	Under elaboration	2011/04/15		
AWID-10000133-4	2011/04/15	Global CMO <b>cmo</b>	Accepted	2011/04/15	2011/04/17	
AWID-10000205-5	2011/04/08	AIE <b>publisher</b>	Refused	2011/04/08	2011/04/08	



# ROW manager – accept or refuse claims



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## Claiming Requests

Work	Request date	Claimant
AWID-100000128-8	2011/04/19	gregory, gabriella author
AWID-100000190-3	2011/04/17	People's Literary Agency agent
AWID-100000084-2	2011/04/15	Global CMO cmo
AWID-100000311-6	2011/04/08	Global CMO cmo

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### Claiming Request

## Claiming Request

- Work:**

- o Arrow Work Id: AWID-100000190-3
- o Title: Homicidal anarchy
- o Contributor(s): Elliott, Michael James.

- Claimant:**

- o Type: agent
- o Username: PeopleLA
- o Company: People's Literary Agency
- o Address: Hight Court Square, Liverpool ()
- o Email: info@people-la.co.uk
- o Phone:
- o Fax:
- o Country: GB

- RightHolder:**

- o Name: Peace Society
- o Role on work: publisher

- Request:**

- o Request Id: PeopleLA\_20110417122007\_960
- o Request date: 2011/04/17
- o Claiming request status: **Under elaboration**
- o Elaboration date: 2011/04/17

# ROW manager – accepted claims



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## Claiming Requests

1

Work	Request date	Claimant	Status	Elaboration date	Response date	Action
AWID-100000145-8	2011/04/14	Blatchford, John <b>author</b>	Accepted	2011/04/15	2011/04/19	
AWID-100000323-X	2011/04/15	Global CMO <b>cmo</b>	Accepted	2011/04/15	2011/04/17	
AWID-100000133-4	2011/04/15	Global CMO <b>cmo</b>	Accepted	2011/04/15	2011/04/17	
AWID-100000205-5	2011/04/08	Global CMO <b>cmo</b>	Accepted	2011/04/08	2011/04/15	
AWID-100000271-3	2011/04/08	Global CMO <b>cmo</b>	Accepted	2011/04/08	2011/04/08	
AWID-100000271-3	2011/04/13	moralessia <b>agent</b>	Accepted	2011/04/13	2011/04/13	

An accepted claim is the end of an Orphan Work

# ROW manager – claim accepted

**ARROW** Accessible Registries of Rights Information and Orphan Works towards Europeana

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## Claiming Requests

1

Work	Request date	Claimant
AWID-100000145-8	2011/04/14	Blatchford, John author
AWID-100000323-X	2011/04/15	Global CMO cmo
AWID-100000133-4	2011/04/15	Global CMO cmo
AWID-100000205-5	2011/04/08	Global CMO cmo
AWID-100000271-3	2011/04/08	Global CMO cmo
AWID-100000271-3	2011/04/13	moralessia agent

Powered by

### Claiming Request

## Claiming Request

- Work:**

- o Arrow Work Id: AWID-100000145-8
- o Title: Practical politics: an object lesson
- o Contributor(s): Blatchford, Robert

- Claimant:**

- o Type: author
- o Username: blatchford
- o Name: Blatchford, John
- o Address:
- o Email: email address
- o Phone:
- o Fax:
- o Country: GB

- RightHolder:**

- o Name: Blatchford, John
- o Role on work: robert blatchford heir (son)

- Request:**

- o Request Id: blatchford\_20110414131119\_293
- o Request date: 2011/04/14
- o Claiming request status: **Accepted**
- o Elaboration date: 2011/04/15
- o Response date: 2011/04/19

# ROW manager – refused claims



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## Claiming Requests

1

Work	Request date	Claimant	Status	Elaboration date	Response date	Action
AWID-100000154-7	2011/04/15	AIE publisher	Refused	2011/04/15	2011/04/15	
AWID-100000205-5	2011/04/08	AIE publisher	Refused	2011/04/08	2011/04/08	
AWID-100000133-4	2011/04/13	moralessia agent	Refused	2011/04/14	2011/04/15	
AWID-100000400-7	2011/04/08	Caroli, Cinzia author	Refused	2011/04/08	2011/04/08	

A refused claim maintains the Orphan status of a Work

# ROW manager – claim refused



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## Claiming Requests

Work	Request date	Claimant	Status
AWID-100000154-7	2011/04/15	AIE publisher	Refused
AWID-100000205-5	2011/04/08	AIE publisher	Refused
AWID-100000133-4	2011/04/13	moralessia agent	Refused
AWID-100000400-7	2011/04/08	Caroli, Cinzia author	Refused

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Claiming Request ✕

## Claiming Request

- **Work:**
  - Arrow Work Id: AWID-100000400-7
  - Title: Ombre du paradis
  - Contributor(s): Aleixandre, Vicente Couffon, Claude Noël-Mayer, Roger
- **Claimant:**
  - Type: author
  - Username: caroli
  - Name: Caroli, Cinzia
  - Address: via Magnanelli 6/3, Casalecchio di Reno (BO)
  - Email: c.caroli@cineca.it
  - Phone: +39 051 6171411
  - Fax:
  - Country: EU
- **RightHolder:**
  - Name: Caroli, Cinzia
  - Role on work: developer
- **Request:**
  - Request Id: caroli\_20110408111259\_949
  - Request date: 2011/04/08
  - Claiming request status: **Refused**
  - Elaboration date: 2011/04/08

# ARROW approach to the Registry of Orphan Works

- Given that the legal framework concerning Orphan Works is still in progress and operative solutions are under discussion in many European countries ARROW ROW is designed to:
  - be as neutral as possible to the evolution of the European and national legal frameworks concerning Orphan Works as well as operative solutions and business models that could emerge at national level
  - ensure the scalability of the model to emerging actors, according to the solutions for managing Orphan Works adopted in each national legal framework
  - consider country specific requirements to enable system scalability and interoperability with National ROWs
  - support both the set up of a centralised infrastructure for the ROW and the set up and integration of National ROWs

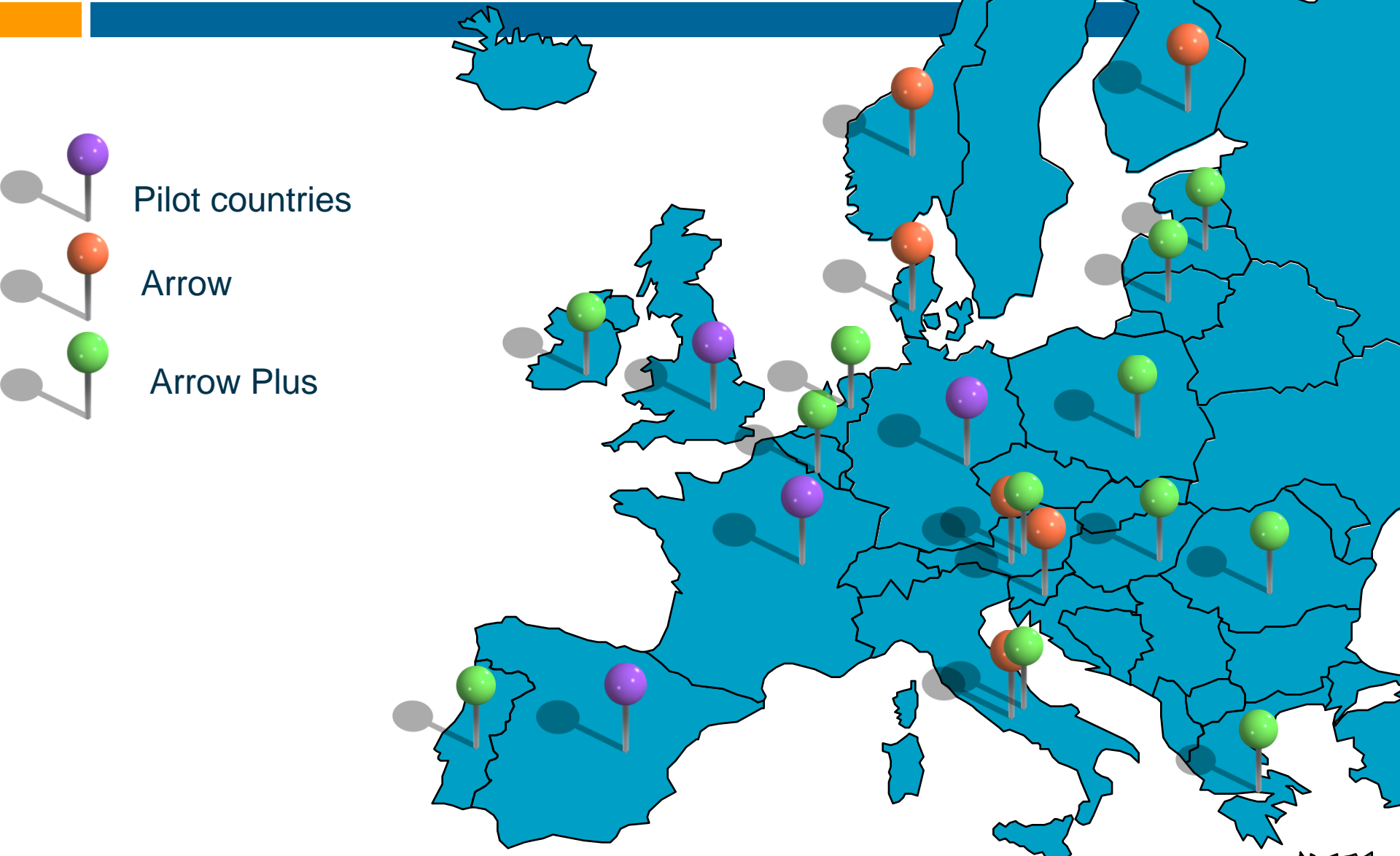
ARROW  
is just the beginning

# ARROW Plus: Objectives and activities

- Objectives and activities:
  - ▣ Enhance the Arrow system, in order to make it more effective in meeting existing and emerging user needs
  - ▣ Extend the number of countries covered
  - ▣ Promote interoperability and close the gap in book data quality between European countries, by setting up a shared technical infrastructure for the management of BIP and RRO registries
  - ▣ Analyse and pilot the extension of Arrow services to the image domain, starting from visual works included in books
  - ▣ Enhance the interaction with rightholders and users of the system by providing tools to collect and share information within communities of interest



# Broadening the scope of Arrow through Arrow Plus: countries involved



# Main issues in new countries

- The Arrow model works for countries where the book data infrastructure is quite advanced:
  - ▣ The national library catalogue should be in TEL
  - ▣ Books in print exists
  - ▣ Reliable RRO database exists
- How to move towards countries where one or more of these elements lack?
  - ▣ We need to create the data infrastructure where it does not exist
  - ▣ Or improve the existing data infrastructure where it is not able to fit the requirements

## FURTHER INFORMATION

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# THANK YOU

