

# Troubleshooting session for CTIS (Organisation Management Services)

Session 4

# Agenda



OMS Key Principles

Questions raised for today

Questions previously raised

Supporting documentation











# **OMS** Key Principles

# **OMS Key Principles**



Changes to OMS
Dictionary happen
through change
request

Supporting
documentation IS
required to
create/update OMS
data

OMS is a
standardised list
of organisations and
locations

Anyone can submit a
Change Request to any
organisation and/or
location published in the
OMS Dictionary, as long as
they submit supporting
documentation\*

Validation of data as per date of the Change Request **Documentation is mandatory\*** to most of the
OMS change requests

OMS manages organisations as legal entities, meaning as they are registered with the local authorities, supporting documentation is critical for the validation process

\*guidance available on the OMS portal under document E - OMS Change Requests on correct document to be submitted

OMS reflects <u>equivalent</u> information as the business registry but it is <u>not meant</u> <u>to be the same/"copy"</u> of business registry (or other documents/sources)

# OMS should reflect <u>data that reflects</u> reality\*:

- \*correct organisation/legal entity
   \*correct relationship with its address
- \*correct address

Guidance available on the <u>OMS portal</u> under document C - OMS Data Quality standards on rules used by OMS team both at organization and location level



# Questions raised for today

# Questions raised – summary

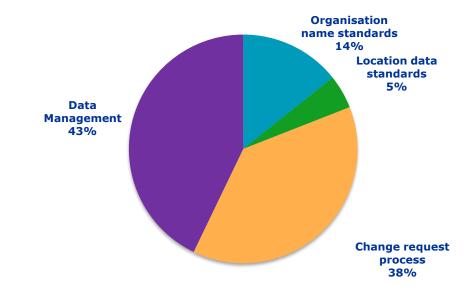


## Troubleshooting questions

session 4

# Objective: clarify OMS related questions

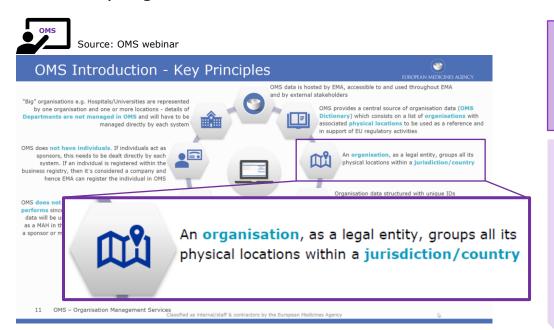
- 2 questions on Data management
- 1 questions on Change request process







If a private practice has the identical name to another entity that is already registered in OMS?



OMS Dictionary captures
organisations as a legal entity
within a certain country/jurisdiction

If the <u>private</u>
<u>practice</u> is
already

available in the
OMS Dictionary >
<u>use the</u>
organisation
already available

practice has AN
 IDENTICAL
 name (but it's
 not exactly the
 same) >
 create a new
 organisation

If the <u>private</u>







When will the issues be fixed where OMS connection when searching for sites/vendors in CTIS is not working or data is missing?

How OMS data is

managed > OMS team

OMS

#### OMS team can help with:

- Clarification on OMS registration process i.e. access to OMS portal, submission of change requests
- Clarification on OMS standards used
- Error message when using the OMS portal
- Organisation and/or location data missing or data needs to be updated



#### CTIS team can help with:

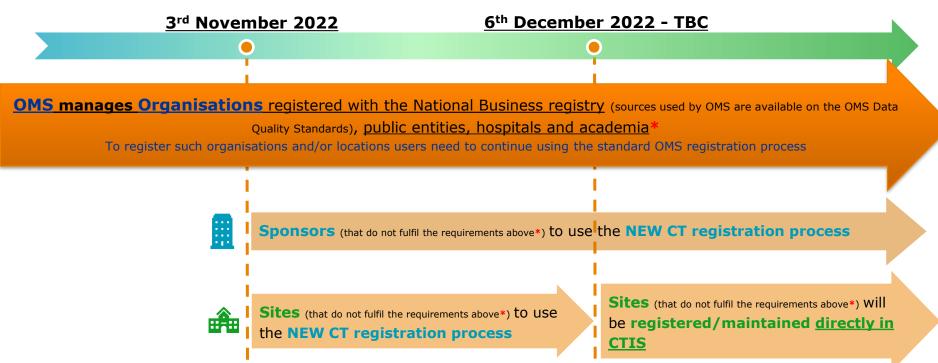
- Clarification on the use of CTIS i.e. how to register, how to submit/update a procedure
- Error message on CTIS portal i.e. during submission or creation of new organisations using the CTIS portal





(1/2) **NEW registration process for CTIS organisations** 









## (1/2) **NEW registration process for CTIS organisations**



To be used by <u>Organisations THAT ARE NOT</u> registered with the <u>National Business registry</u> (sources used by OMS are available on the OMS Data Quality Standards), <u>public entities</u>, <u>hospitals or academia</u>

#### 1. Submission

# Requestor

#### Submit a change request using the OMS portal:

- Login OMS portal
- Search for the organisation using the organisation name field the system should return zero results
- Click Request New Organisation button
- Populate the change request form with the organisation details
- Attach CT registration Headed letter filled with all mandatory information – template available on OMS portal as <u>J - CT registration Headed letter template</u>



#### 2. Validation/Standardisation



## Data Stewards validate all OMS CRs using guidance/references & tools:

- Validation if CT registration Headed letter filled with all mandatory information
- Organisation name will be created as submitted by user
- Location details will be created as per local national postal service standardised/formatted and/or enrich data in English and in local languages

#### 3. Approval/Rejection



5 Working day SLA

OMS CR approved = data published/updated in the OMS dictionary and available in CTIS portal

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OMS CR rejected = reasons explained to requestor via email If disagreement, raise ticket in ServiceNow, identifying the relevant CR number



# Survey

# Post-event survey





We now invite you to fill out a short feedback survey

For <u>Sponsor</u> users, please use code



For <u>Member States</u> users, please use code:



# CTIS Training Environment update



The CTIS Training environment survey (Survey 4.0) is reopened:

https://ec.europa.eu/eusurvey/runner/2abb5ba8-0ec4-9979-b692-0c63f4508b9b

This survey collects expressions of interest in accessing the CTIS training environment ('CTIS Sandbox'), information and contact details of representative individuals, the organisations that they represent and the planning for use of CTIS of these organisations is reopened.

All details will serve to proactively identify the needs and intention of use of CTIS and grant access accordingly.





# Any questions?

#### Further information

Contact us through <u>ServiceNow</u> for any clarification

Official address Domenico Scarlattilaan 6 • 1083 HS Amsterdam • The Netherlands

Address for visits and deliveries Refer to www.ema.europa.eu/how-to-find-us

Send us a question Go to <a href="https://support.ema.europa.eu/esc">https://support.ema.europa.eu/esc</a> Telephone +31 (0)88 781 6000





# Questions previously raised

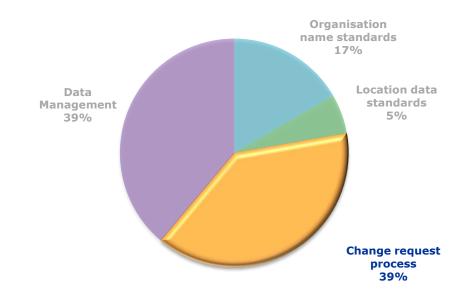
# Questions raised – summary



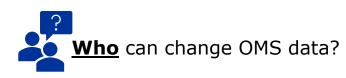
Troubleshooting question type

Objective: clarify data related questions

# Change Request process

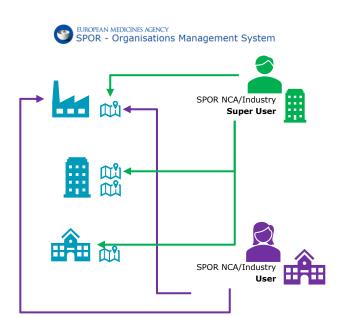












#### **Anyone** can change OMS data:

- Using <u>CTIS</u> anyone can submit a Change Request to <u>create organisation</u> in the OMS Dictionary
- Using OMS anyone can submit a Change Request to create and/or update organisation and/or location published in the OMS Dictionary
- As long as they submit supporting documentation

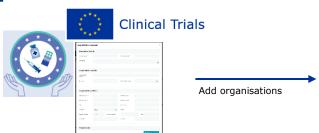
Validation of data as per date of the Change Request





## **How** to add/update OMS data?









- Add organisations
- Update Organisation
- Add Location
- Update Location
- Update Organisation & Location



#### Using **Change Request** functionality available through:

- CTIS to add organisations
- OMS to add/update any organisation/location data
- As long as **<u>submit supporting documentation</u>** is submitted

Validation of data as per date of the Change Request



# Place III Place III

#### **EEA organisation**

1. Extract from the National Business Registry

#### Non-EEA organisation

- 1. Document stating the DUNS or GS1 identifier number
- 2. Extract from the National Business Registry
- GMP certificates until January 28<sup>th</sup> 2022 hereafter EudraGMDP will use OMS data

#### Hospital, University & Public entities

- 1. Headed letter signed and dated
- GMP certificates until January 28th 2022 hereafter EudraGMDP will
  use OMS data

Classified as internal/staff & contractors by the European Medicines Agency



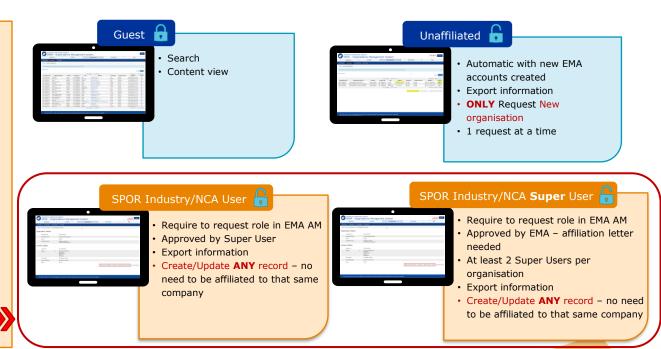


Currently it is possible for Sponsor to registry several sites in OMS in parallel. Is it possible to add this function in OMS?



# With the right access, multiple change requests can be created in parallel:

- ✓ Via CTIS multiple change requests to <u>add new</u> <u>organisations</u> can be submitted while preparing an application > please consult Handbook for further information on CTIS access.
- ✓ Via OMS multiple change requests to <a href="mailtiple records">add/update</a>
  <a href="mailtiple records">multiple records</a> limited to 1 pending change per record > user needs to have SPOR Super User or SPOR User access</a>







Our investigational site is registered twice in OMS under different names same addresses. How can we merge this 2 entries?

When **potential duplicated records** are identified by user

Submit a Change request via OMS portal to one of the records and use the justification field to add a brief comment, including the ORG-ID of the potential duplicate

Help us assure high level of Data Quality Change Request process

OMS Data
Quality
attributes\*

Accuracy

Reflects reality?

Uniqueness

Only instance?

Conformity

Data standardised?

Consistency

Conflicting information?

Completeness

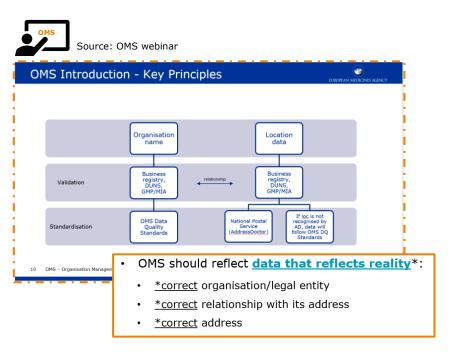
Details missing?





How can we have/register locations that are not available in the National business register?





OMS Dictionary can have as many locations as used by an organisation

- 1. Add Organisation with location details available in the Business registry
- 2. Add other locations details required for regulatory procedures
  - If a certain <u>physical address</u> is being used by another ORG, we need to create a <u>new location</u> (new relationship) ORG<>LOC



Location (LOC ID) can only be linked to one organisation



 Physical address can be linked to as many organisations as needed





W W

Which organisation type should be entered when creating an Ethic Committee (e.g. health care or Regulatory Authority)?





#### All category values are available on OMS Controlled Vocabulary

L		Value Level 2	Party Category Type	Description
Γ	1. Educational	Institution		Examples: Academia which can participate in the Clinical Trial
Н				or MA regulatory activities.
ı	<ol><li>Health care</li></ol>	ealth care		
		2.1. Hospital/Clinic/Other health care facility	Туре	In the context of Clinical trials, when a hospital is within an educational institution, it is expected that the hospital exists as a separate legal entity and therefore recorded in OMS as a 'Health care.'  If the hospital/clinic is a private business i.e. commercial or non-commercial, this value will still apply. Organisation will not be categorised as pharmaceutical company. The Clinical trial application process will define whether the hospital/clinic is a commercial or non-commercial organisation.

\*document available on the OMS portal



#### **Submission**

Request to add an organisation - use Level 1 category when populating the form

 Regulatory Authority



e.g. create an Ethic Committee

# <u>Validation</u> EMA adds Level 2 category

4.2. Ethics Committee

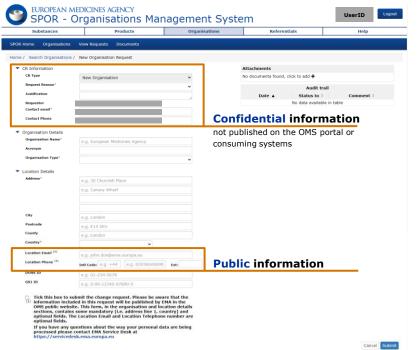




Our vendors have provided personal email addresses as OMS registration.

Does every vendor need to create a general inbox?





#### **Communication** details in OMS:

- Are <u>not mandatory</u>
- Change request required to add/update details
- Captured at location level 1 phone number & 1 email address per locations
- Are <u>publicly available</u>
- No validation process anyone can add/delete details

OMS recommendation is to provide a functional phone number and email address



Further communication details should be maintained directly in CTIS

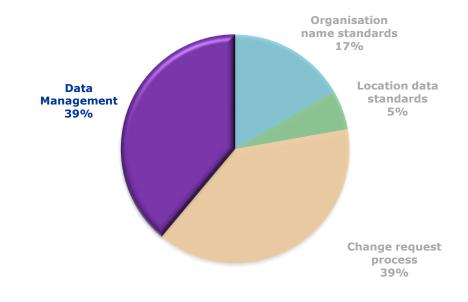
# Questions raised – summary



Troubleshooting question type

Objective: clarify data related questions

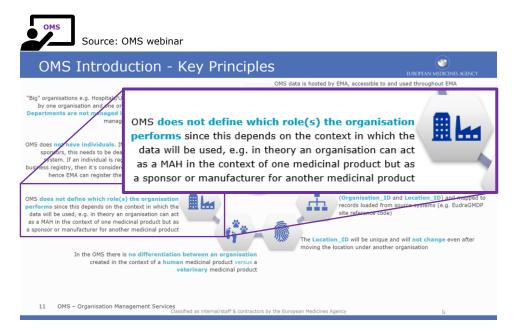
# **Data Management**







When providing information on the registration/update OMS differentiate among the following groups: Pharmaceutical companies, CROs, Academia. How should sites be recorded?



**Regulatory roles**, such as sponsors and sites are **NOT** maintained in OMS

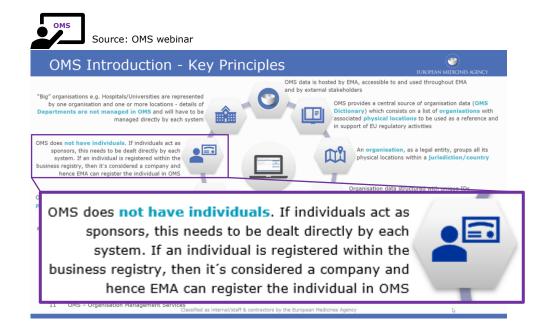
OMS categorise organisations for the type of activities

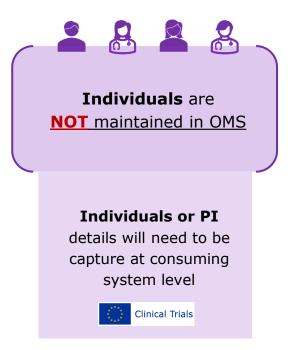
Category	Consuming system	омѕ		
Hospital X	Site or Manufacture	L1 Health care L2 Hospital/Clinic/Other health care facility		
University Y	Sponsor or Site or MAH	L1 Educational Institution		
Company Z	Sponsor or MAH or Manufacture	L1 Industry L2 Pharmaceutical company		
Company W	CRO or Sponsor or MAH	L1 Industry L2 Pharmaceutical company		





Should the PI (name and surname and title) be registered in OMS or only the site where he/she works?

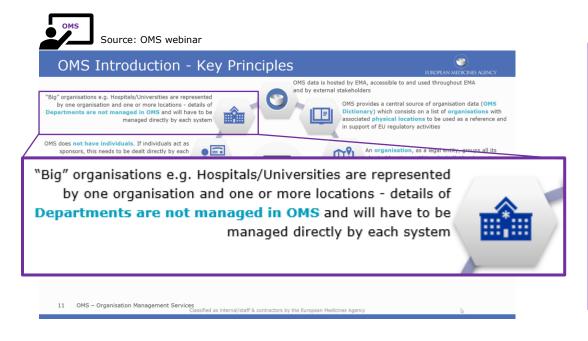








What is the extent of information entered for each clinical trial site (e.g. Hospital details only, or also Department details, Investigator details)?



Public entities not available on the National business registry, such as <a href="https://doi.org/10.2016/j.com/html/">Hospital/University/Institutes</a> will be created and <a href="maintained in OMS as a legal entity">maintained in OMS as a legal entity</a>, OMS will <a href="https://doi.org/10.2016/j.com/html">NOT capture</a>:

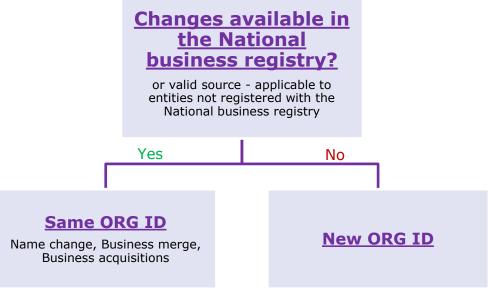
- Department details
- Units/Specialities information
- Investigator details





An organisation (i.e. Ethic Committee) registered in OMS may be changing the legal name or legal entity identification. Can data be modified retaining the Original ORG-ID or should a new organisation be registered?

OMS manages
organisations as legal
entities, we will maintain
the data according to the
information available in the
National business registry
Assessment need to be case by case

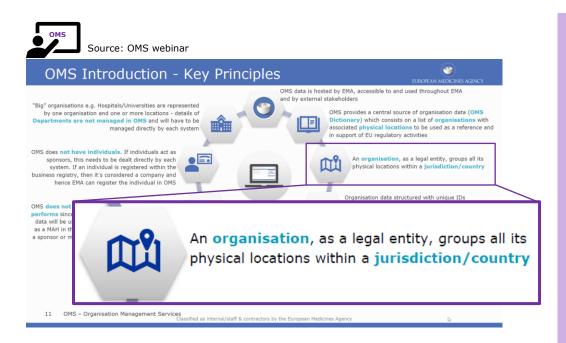






What kind of organisations are part of the OMS?





**OMS Dictionary** captures **organisations** as a **legal entity** within a certain country/jurisdiction - to validate the data we use each the official <u>National business</u> registry, with the exception of:

- Public entities i.e. Ministry of health
- Hospitals
- Universities
- Clinics on-going validation process under discussion to be able to include them

<sup>\*</sup>to any of the above, department/units details will not be captured in OMS



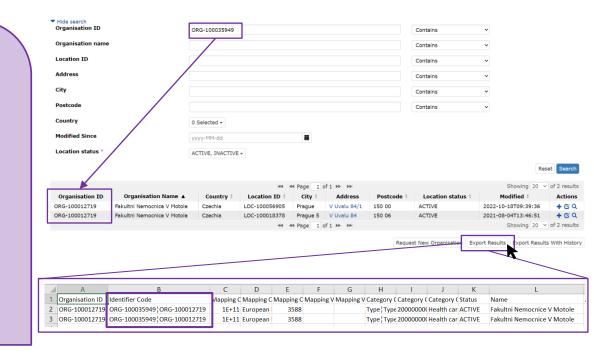


Our organisation is twice registered in the OMS system ORG-100012719 and ORG-100035949?



# OMS is a master data management system that:

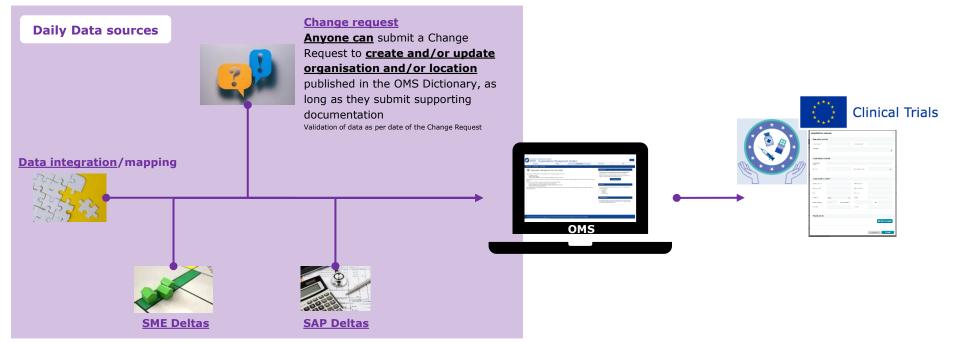
- Never delete any information if no longer relevant or wrongly created the record it will be inactivated
- Retains historical data such as historical/previously recorded names and other system identifiers
- Have the merge capability, where in case of a merge (business merge or deduplication) all identifier are valid and mapped to the golden record







Our organisation is registered in the OMS system, but the institution did not do the registration and does not know who made the registration



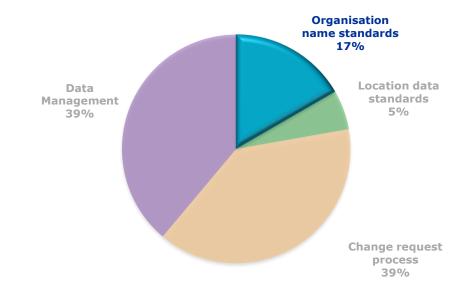
# Questions raised – summary



Troubleshooting question type

Objective: clarify data related questions

# Organisation name standards





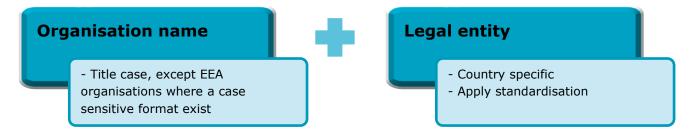
Organisation name

(1/2) We're still having difficulty getting OMS values amended to the registered name (national registry is incorrect), will these issues be reexamined/addressed?

The OMS provides a **single source of validated organisation/location data** that can be used as a
reference to support EU regulatory activities

OMS reflects equivalent information as the Business registry, it is not meant to be the same/"copy" of Business registry







Organisation name standards

(2/2) We're still having difficulty getting OMS values amended to the registered name (national registry is incorrect), will these issues be reexamined/addressed?

#### Example

19MPP046HPT01	56681	GMPC	AUROBINDO PHARMA LIMITED	Unit - XI, Survey No. 61- 66, I.D.A., Ranasthalam Mandal, Srikakulam District	Pydibhimavaram Village, Andhra Pradesh	532 409	India	2019-05- 23
MT/018HM/2019	53908	GMPC	Aurobindo Pharma Limited, Formulation	Plot No.17A, E Bonangi (Village), Parawada (Mandal)	Visakhapatnam District	531 021	India	2019-02-
FT064/MH/001/2020	93823	GMPC	Aurobindo Pharma Limited - Unit X	Plot No. 16, APIIC, Multi Product Special Economic Zone, Menakuru Village, Naidupeta Mandal, SPSR Nellore District	Andhra Pradesh	524421	India	2018-10- 26



4							
	ORG-	Aurobindo Pharma	India	LOC-	Nellore	Plot No 16 Unit-X	524421
	100011510	Limited	Inula	100049448	Nellore	PIOUNO 16 OTHE-X	524421

According to Indian Ministry of
Corporate Affairs (<u>National</u>
<u>Business registry</u>), only

#### **AUROBINDO PHARMA LIMITED**

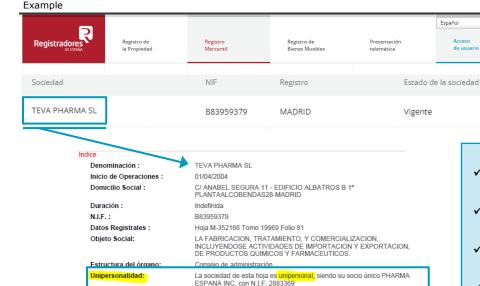
is registered, hence we can't create a separate ORG ID for each Manufacture Unit



Organisation name

OMS values to the registered name (the ES national registry is being incorrectly interpreted by the EMA change control analysts). Specifically,

S.L vs S.L.U?



#### What is happening?

We have a placeholder in KUG for further assessment – discussion will need to take place between KUG members, Spanish NCA and legal teams

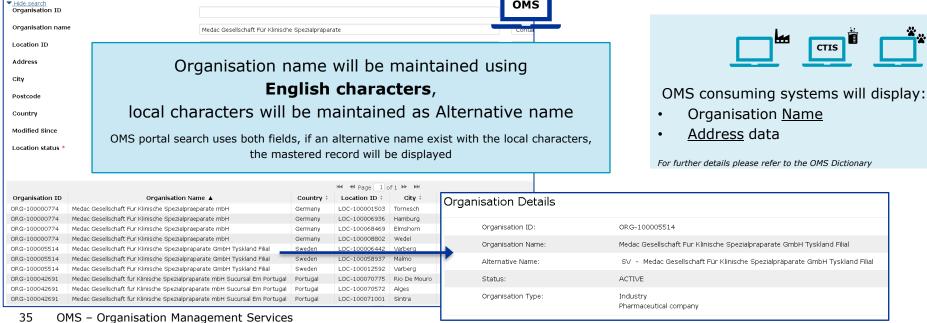
Until further discussions, we will continue using stablished rules/standards

- ✓ Spanish Business registry does NOT recognise Unipersonal as a valid Spanish legal entity type
- ✓ Certain organisations have a unipersonal "status/classification" when accessing extract from Spanish Business registry
- ✓ OMS uses the Spanish <u>Business registry</u> as <u>reference</u> source while mastering the data
- ✓ OMS cannot "translate" between i.e. S.L. vs S.L.U. as they have different meanings (not the same legal entity type)



Organisation name standards

It is not possible to search for organisations whose name includes the letters å, ä and ö. This is quite inconvenient as many organisations in Sweden have these letters in their names.



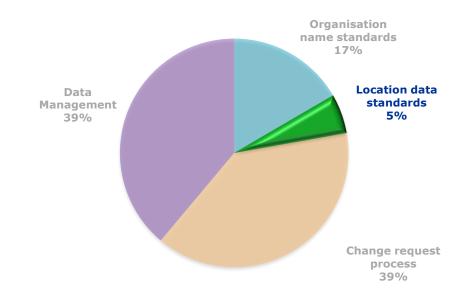
## Questions raised – summary



Troubleshooting question type

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# Location data standards



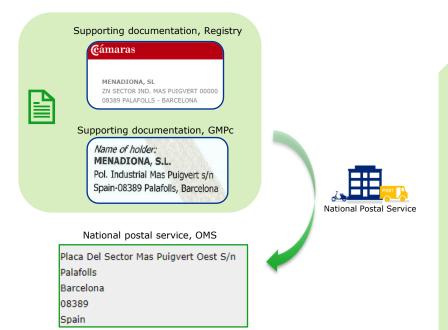
### Questions raised





Location data standards

We're still having difficulty getting OMS values amended to the registered name (national registry is incorrect), will these issues be re-examined?



The OMS provides a **single source of validated organisation/location data** that
can be used as a reference to support EU
regulatory activities

OMS reflects equivalent information as the Business registry, it is not meant to be the same/"copy" of Business registry

OMS/AddressDoctor – populated with National Postal Service details

Standardise and enrich location data





### Housekeeping rules

# OMS Customer support - Service Desk vs ServiceNow EUROPEAN MEDICINES AGENCY

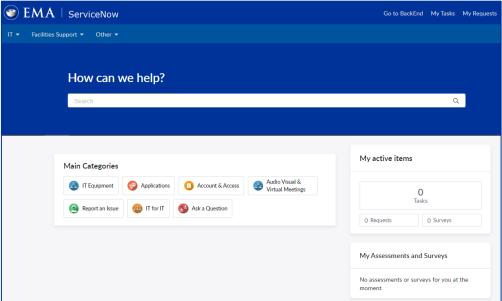




September 12th 2022 will be addressed via Service Desk



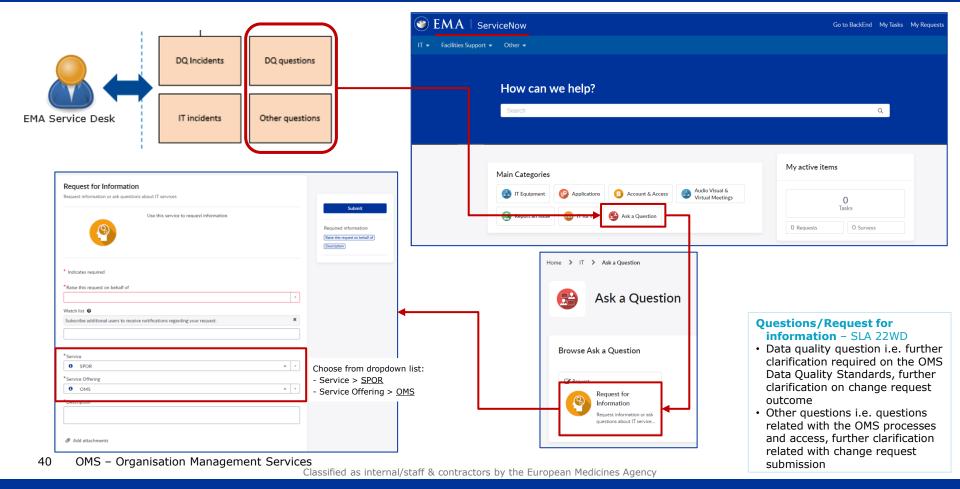
### **OMS** is now in **ServiceNow**



Access ServiceNow here

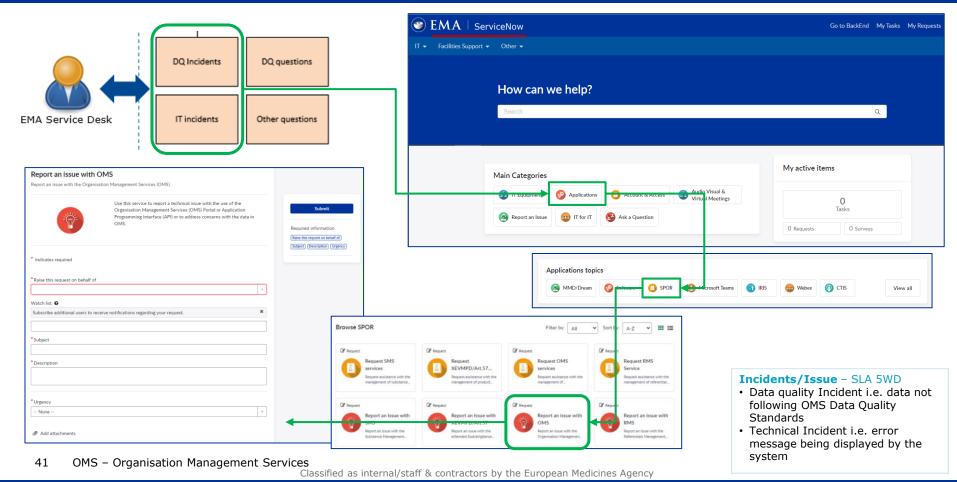
### How to create a Question/Request for information?





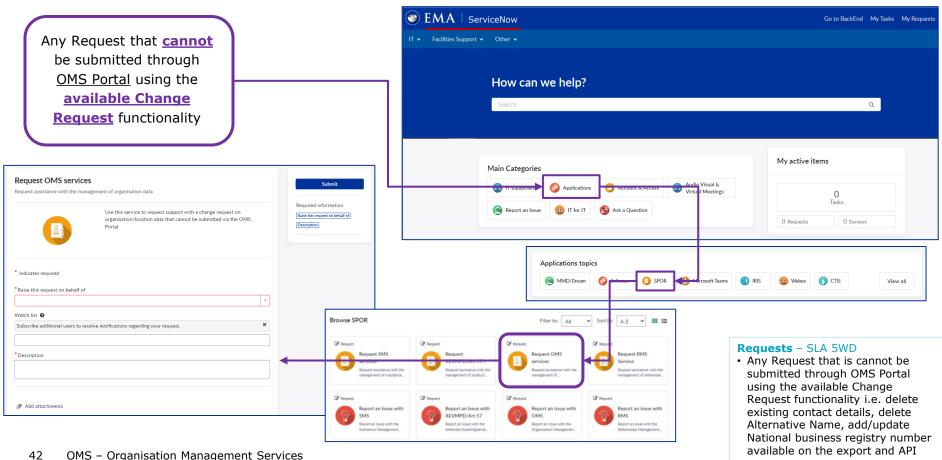
### How to create an Incident/Issue?





### How to create a Request?







# Supporting documentaiton

### SPOR documents & help



- 1. Reference documents accessible from the SPOR portal
- OMS web user manual guidance on SPOR services, e.g. searching, exporting data, requesting CRs
- SPOR user registration manual (how to register for SPOR)
- SPOR affiliation template (to register the first industry super user)
- Change Request Validation in OMS
- Organisation data quality standards in OMS
- SPOR SLAs (SLA are indicative and will be reviewed in future)
- OMS FAQs

**5. SPOR related information & documents on** EMA corporate <u>website</u>



#### 2. Training videos

OMS training videos available to view on the <a>@emainfo</a> channel

Previous webinar -

https://youtu.be/bgOZEJ8AvW4

#### 4. EMA Account Management Portal

To create a new EMA account in order to obtain access to EMA systems (including SPOR). To request SPOR user role.

#### Account Management Portal.

\*Dedicated webinar in the morning, recording will be made available in due course



Service requests, issues, requests for technical support shall be submitted through the Service Desk Portal.



# OMS mapping exercise



Information	Reference Sources	Data in OMS	Impact/Process for mappings & CRs
Organisation name	Information from: 1. Trade registry 2. DUNS 3. Official docs (e.g. GMP certificates)	OMS reflects an equivalent Organisation name and legal entity as the Trade registry (or other documents/sources) which has been Standardised according to OMS DQ rules	<ul> <li>Q1. Is the Org name/legal entity in OMS the same as to Trade registry?</li> <li>Yes - map</li> <li>No - see next question</li> <li>Q2. Is the Org name/legal entity in OMS equivalent to Trade registry i.e. same meaning but standardised according to OMS DQ rules?</li> <li>Yes - map - if a CR is submitted it will be rejected</li> <li>No - submit CR &amp; attach TR copy</li> </ul>
Location/ Address details	National Postal services via AddressDoctor	<ul> <li>OMS should reflect an equivalent legal address as the Trade registry (or other documents/sources) which has been Standardised according to National Postal Services</li> <li>OMS can contain additional addresses for the Organisation not reflected in the Trade Registry but available in other references. These will also be standardised according to National Postal Services</li> </ul>	<ul> <li>Q1. Is the location/address in OMS the same as to Trade registry?</li> <li>Yes - map</li> <li>No - see next question</li> <li>Q2. Is the location/address in OMS equivalent to Trade registry i.e. same meaning but standardised according to OMS DQ rules (AddressDoctor)?</li> <li>Yes - map - if a CR is submitted it will be rejected</li> <li>No - submit CR &amp; attach TR copy</li> <li>Q3. Is the location/address in OMS not listed in Trade registry but in another doc and equivalent to another reference source i.e. same meaning but standardised according to OMS DQ rules (AddressDoctor)?</li> <li>Yes - map - if a CR is submitted it will be rejected</li> <li>No - submit CR &amp; attach reference copy</li> </ul>

# OMS mapping exercise - Organisation name/legal entity

Reference Sources	Data in OMS	Case	Impact/Process for mappings & CRs
Company A Ltd.	Company A Ltd.	Org name/legal entity in OMS the same as to Trade registry	Map data
Company A Ltd.	Company A Limited	Org name/legal entity in OMS equivalent to Trade registry i.e. same meaning but standardised according to OMS DQ rules	Map data – if a CR is submitted it will be rejected (even if OMS is not a copy/exact match of TR!)  (see also other examples in equivalent doc!)
Company A Ltd.	Company A Inc.	Org name/legal entity in OMS NOT equivalent to Trade registry	Submit CR & attach TR copy



Reference Sources	Data in OMS	Case	Impact/Process for mappings & CRs
Rua da Amargura, 1 2300-286 Lisbon Portugal	Rua da Amargura, 1 2300-286 Lisbon Portugal	<b>Location/address</b> in OMS <b>the same</b> as to Trade registry	Map data
R. Amargura 1 2300-286 Lisbon Portugal	Rua da Amargura, 1 2300-286 Lisbon Portugal	Location/address in OMS equivalent to Trade registry i.e. same meaning but standardised according to OMS DQ rules (AddressDoctor)	Map data – if a CR is submitted it will be rejected
Rua da Amargura, 1 2300-286 Lisbon Portugal	Rua da Amargura, 1 Mouraria 2300-286 Lisbon Portugal	Location/address in OMS equivalent to Trade registry i.e. same meaning but enriched according to OMS DQ rules (AddressDoctor)	Map data – if a CR is submitted it will be rejected
Rua da Amargura, 1 2300-286 Lisbon Portugal	Rua da Amargura, 2 2300-286 Lisbon Portugal	Location/address in OMS NOT equivalent to Trade registry i.e. different meaning, different physical place	Submit CR to <u>create new location</u> & attach TR copy  Note: Requires verification with National postal service but even if equivalent the TR determines if they are legally different
Rua da Amargura, 1 2300-286 Lisbon Portugal	Rua da Amargura, 1 2300-300 Lisbon Portugal	Location/address in OMS equivalent/NOT equivalent to Trade registry  d as internal/staff & contractors by the European Medicine	Submit CR to update location & attach TR copy  Note: Requires verification with National Postal Service - If same physical location > we update the postal code - If is a different physical location > we create new location



Reference Sources	Data in OMS	Case	Impact/Process for mappings & CRs
Rua da Amargura, 21-23 2300-286 Lisbon Portugal	Rua da Amargura, 21 2300-286 Lisbon Portugal	Location/address in OMS equivalent to Trade registry i.e. same meaning but standardised according to OMS DQ rules (AddressDoctor)	Map data – if a CR is submitted it will be rejected
	And Rua da Amargura, 23 2300-286 Lisbon Portugal		
Rua da Amargura, 21-23 2300-286 Lisbon Portugal	Rua da Amargura, 21-23 2300-286 Lisbon Portugal	<b>location/address</b> in OMS <b>equivalent</b> to Trade registry	Map data
	<u>And</u>	+	
	Rua da Esperanca, 13 4300-500 Porto Portugal	additional location/address not reflected in the Trade Registry but available in other references	Additional location present in OMS can be added to the NCA/Industry databases for completeness purposes



Reference Sources	Data in OMS	Case	Impact/Process for mappings & CRs
Rua da Amargura, 21-23 2300-286 Lisbon Portugal	Rua da Amargura, 21 2300-286 Lisbon Portugal	Location/address in OMS partially equivalent to Trade registry	Submit CR to update location & attach TR copy.  Note: address data verified according to information provided by AddressDoctor.  - If not recognised by AD & EU country a new loc will be created  - If not recognised by AD & Non-Eu country the loc will be updated
Rua da Amargura, 21-23 2300-286 Lisbon Portugal	Rua da Amargura, 21-25 2300-286 Lisbon Portugal	location/address in OMS equivalent to Trade registry + additional location/address not reflected in the Trade Registry but available in other references	Submit CR to update location & attach TR copy.  Note: address data verified according to information provided by AddressDoctor.  - If not recognised by AD & EU country a new loc will be created  - If not recognised by AD & Non-Eu country the loc will be updated



### Examples on multiple doors addresses - NL

Reference Sources	Data in OMS	Case	Impact/Process for mappings & CRs
Keizersgracht 62-64 Amsterdam 1015 CS Netherlands	Keizersgracht 62-64 Amsterdam 1015 CS Netherlands	Location/address in OMS the same as to Trade registry  This applies for the odd numbers	Map data
Keizersgracht 62/64 Amsterdam 1015 CS Netherlands	Keizersgracht 62-64 Amsterdam 1015 CS Netherlands	Location/address in OMS equivalent to Trade registry i.e. same meaning but standardised according to OMS DQ rules (AddressDoctor)  This applies for the odd numbers	Map data – if a CR is submitted it will be rejected
62-64 Keizersgracht Amsterdam 1015 CS Netherlands	Keizersgracht <b>62-64</b> Amsterdam 1015 CS Netherlands	Location/address in OMS equivalent to Trade registry i.e. same meaning but standardised according to OMS DQ rules (AddressDoctor)  This applies for the odd numbers	Map data – if a CR is submitted it will be rejected
Keizersgracht 62-64 Amsterdam 1015 CS Netherlands	Keizersgracht 62-64 Amsterdam <b>Noord-Holland</b> 1015 CS Netherlands	Location/address in OMS equivalent to Trade registry i.e. same meaning but enriched according to OMS DQ rules (AddressDoctor)  This applies for the odd numbers	Map data – if a CR is submitted it will be rejected
Keizersgracht 62 Amsterdam 1015 CS Netherlands	Keizersgracht 63 Amsterdam 1015 CS Netherlands	Location/address in OMS NOT equivalent to Trade registry i.e. different meaning, different physical place  This applies for opposite scenario	Submit CR to <u>create new location</u> & attach TR copy  Note: Requires verification with National postal service but even if equivalent the TR determines if they are legally different
Keizersgracht 62 Amsterdam 1015 CS Netherlands	Keizersgracht 62 Amsterdam 1015 CT Netherlands	Location/address in OMS equivalent/NOT equivalent to Trade registry  This applies for the odd numbers	Submit CR to update location & attach TR copy  Note: Requires verification with National Postal Service - If same physical location > we update the postal code - If is a different physical location > we create new location



### Examples on multiple doors addresses - NL

Reference Sources	Data in OMS	Case	Impact/Process for mappings & CRs
Keizersgracht 62 Amsterdam 1015 CS Netherlands	Keizersgracht <b>63-65</b> Amsterdam 1015 CS Netherlands	<b>Location/address</b> in OMS <b>NOT equivalent</b> to Trade registry i.e. different physical place as Addresses contain multiple consecutive odd or even numbers	Submit CR to create new location & attach TR copy
Keizersgracht 61 Amsterdam 1015 CS Netherlands	Keizersgracht <b>62-64</b> Amsterdam 1015 CS Netherlands	<b>Location/address</b> in OMS <b>NOT equivalent</b> to Trade registry i.e. different physical place As Addresses contain multiple consecutive odd or even numbers	Submit CR to create new location & attach TR copy
Keizersgracht 62-64 Amsterdam 1015 CS Netherlands	Keizersgracht <b>62</b> Amsterdam 1015 CS Netherlands	Location/address in OMS partially equivalent to Trade registry  This applies for the odd numbers	Submit CR to <u>update location</u> & attach TR copy.  Note: address data verified according to information provided by AddressDoctor.  - If not recognised by AD a new loc will be created
Keizersgracht 62-64 Amsterdam 1015 CS Netherlands	Keizersgracht <b>62-66</b> Amsterdam 1015 CS Netherlands	Location/address in OMS equivalent to Trade registry + additional location/address not reflected in the Trade Registry but available in other references  This applies for the odd numbers	Submit CR to <u>update location</u> & attach TR copy.  Note: address data verified according to information provided by AddressDoctor.  - If not recognised by AD a new loc will be created
Keizersgracht 62 Amsterdam 1015 CS Netherlands	Keizersgracht 62 Amsterdam <b>1015 CT</b> Netherlands	Location/address in OMS equivalent/NOT equivalent to Trade registry  This applies for the odd numbers	Submit CR to update location & attach TR copy  Note: Requires verification with National Postal Service - If same physical location > we update the postal code - If is a different physical location > we create new location

#### **Data Quality Rule in NL:**

- Addresses can contain multiple consecutive odd or even doors numbers
- Addresses can not contain multiple non- consecutive doors numbers
- Odd or even doors number is displayed at the end after the street name
- Doors numbers are separated by hyphen with no space
- Postal code has 4 digits and 2 capital letters