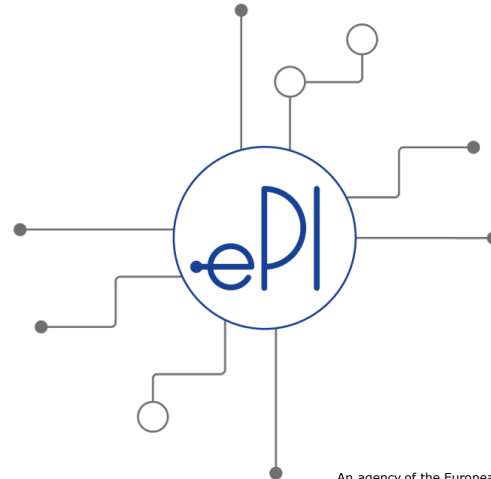




EUROPEAN MEDICINES AGENCY
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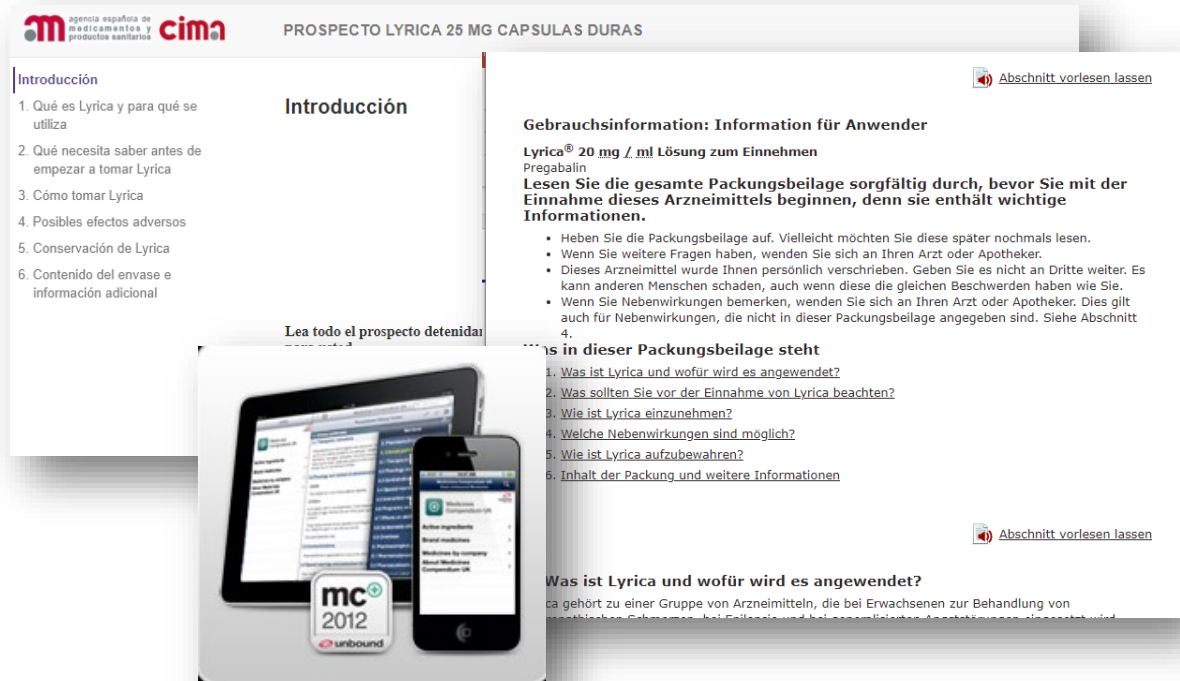
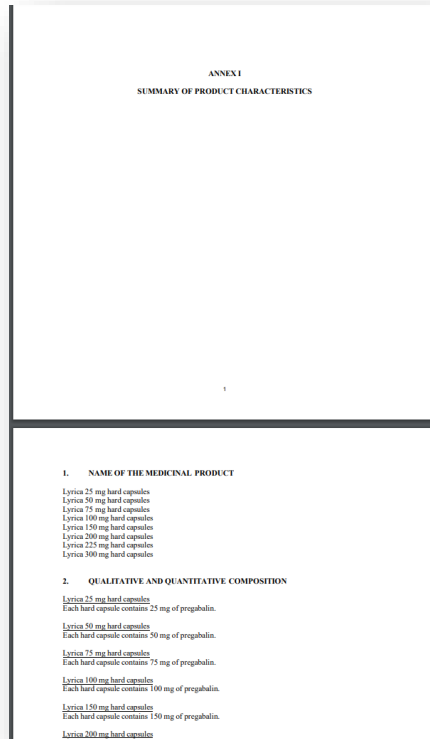
Electronic Product Information (ePI) for EU medicines



An agency of the European Union



Towards electronic solutions for product information



Problem statement



Need to expand public access and dissemination of unbiased, up-to-date, regulator-approved PI for all medicines in the EU



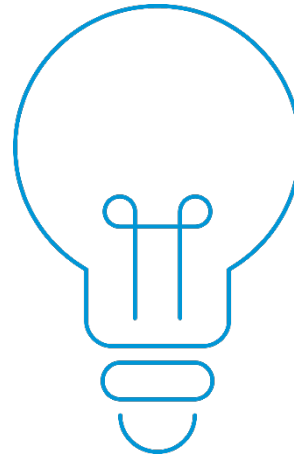
Need to facilitate access to PI data across different regulatory procedures



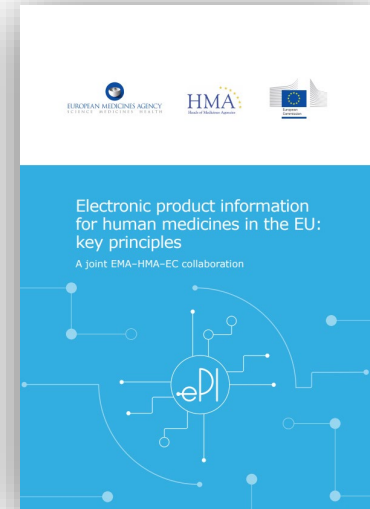
Growing administrative burden of maintaining and updating Word/PDF files

ePI Key Principles

ePI is authorised, statutory product information for human medicines (i.e. summary of product characteristics, package leaflet and labelling) in a semi-structured format created using a **common EU electronic standard**. ePI is adapted for electronic handling and allows dissemination via the web, e-platforms and print.



Key principles: adopted by HMA and EMA, published January 2020



ePI facilitates dissemination to patients and healthcare professionals



Access medicine
ePI on
phone/tablet



Seek reminder
of how to take
medicine



**Go to 'How to take
your medicine'
Option to watch video**



Support rapid roll
out of COVID-19
vaccines and
therapeutics



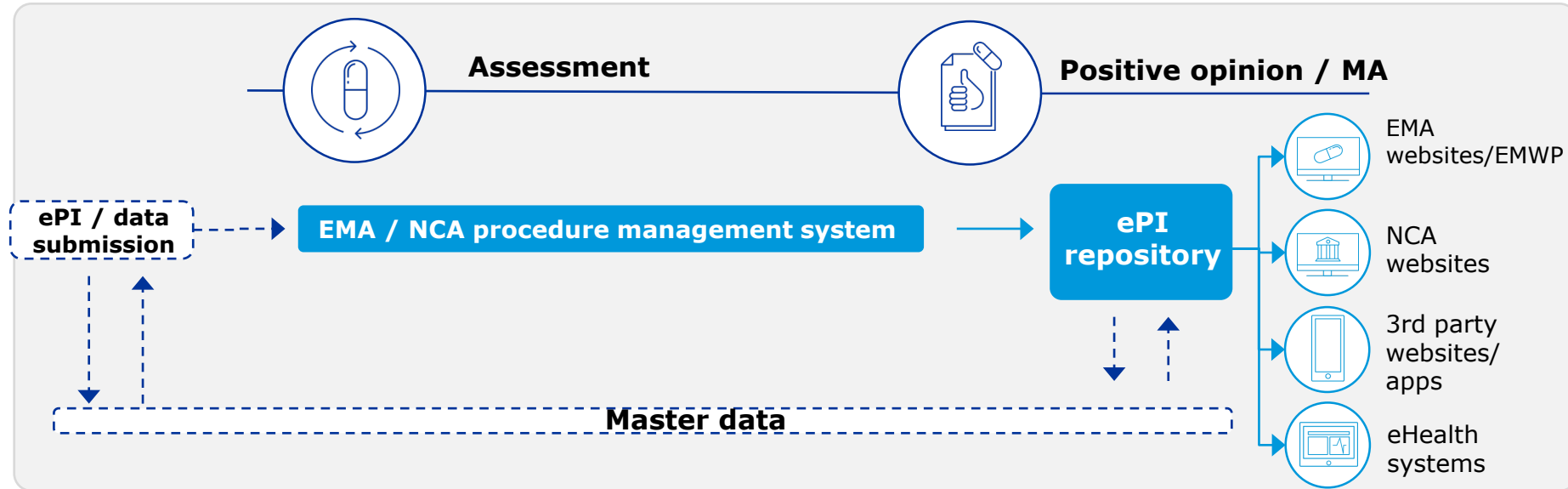
Use QR code to
link to national
language PL



**Delivery of vaccine
to all EU countries**

Future vision

ePI seamlessly integrated with all EMA/NCA systems supporting medicines assessment



ePI deliverables in 2021

#1

Create an **EU Common Standard for ePI** based on FHIR to support harmonisation across the EU and collaboration across the network

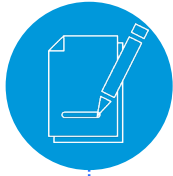
#2

Provide a **proof-of-concept prototype** using the EU common standard. The prototype will be used for a design and technical feasibility study to generate example FHIR-based documents associated with product data to publish on a website.

#3

Provide a realistic medium-term **vision and road map** towards achieving the benefits for stakeholders, HMA, EC, EMA as outlined in the Key Principles for ePI in the EU

ePI milestones 2021 and beyond



June 2021

Draft EU Common Standard published

Consultation begins



July 2021

Information and exploratory workshops



End 2021

Proof-of-concept prototype completed

EU Common Standard and roadmap adopted

ePI set-up project

2021

Pilot phase (EMA & some NCAs)

2022

Transition to implementation

Timeline dependent on pilot outcome

ePI consultation

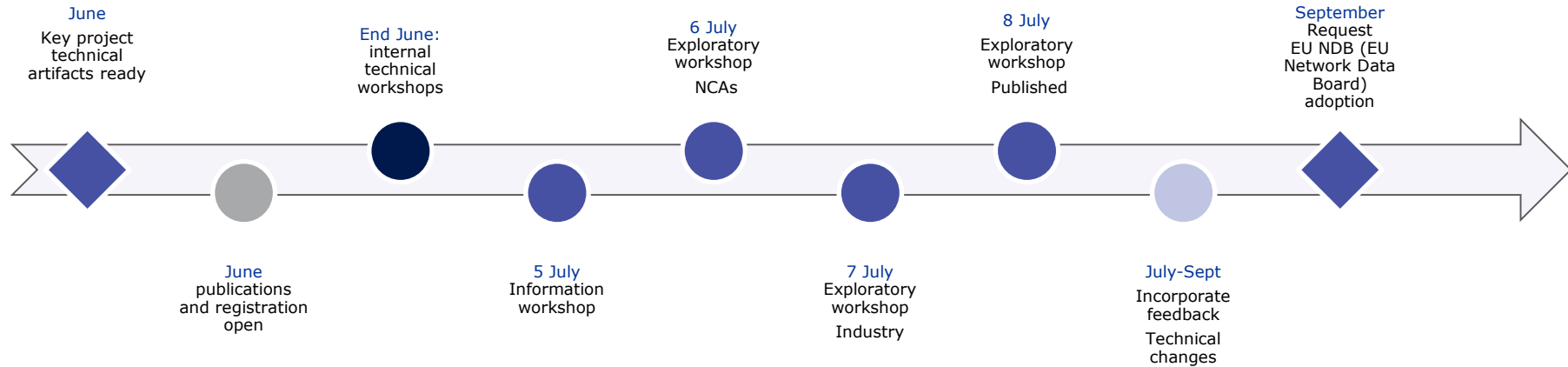
Consultation methods

- Information workshop (no pre-requisite for joining)
- Exploratory workshops (participants with a technical background *e.g. Mandatory working knowledge of at least one programming language and REST services. Participants use their own workstations, with pre-installed tools.*)
- Consultation feedback via survey tool

Objectives

1. **Information workshop:** Introduce all participants to the draft EU Common Standard for ePI;
2. **Exploratory workshops:** to provide technical scenarios on how to use the API and to receive input from developers on:
 - Feedback on the capabilities offered by the ePI API
 - Expected use of the ePI API (operations, volume and frequency)
 - Innovative user stories of the data exposed by the ePI

ePI consultation



Any questions?

Further information

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See websites for contact details

European Medicines Agency www.ema.europa.eu

Heads of Medicines Agencies www.hma.eu

European Commission www.ec.europa.eu

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