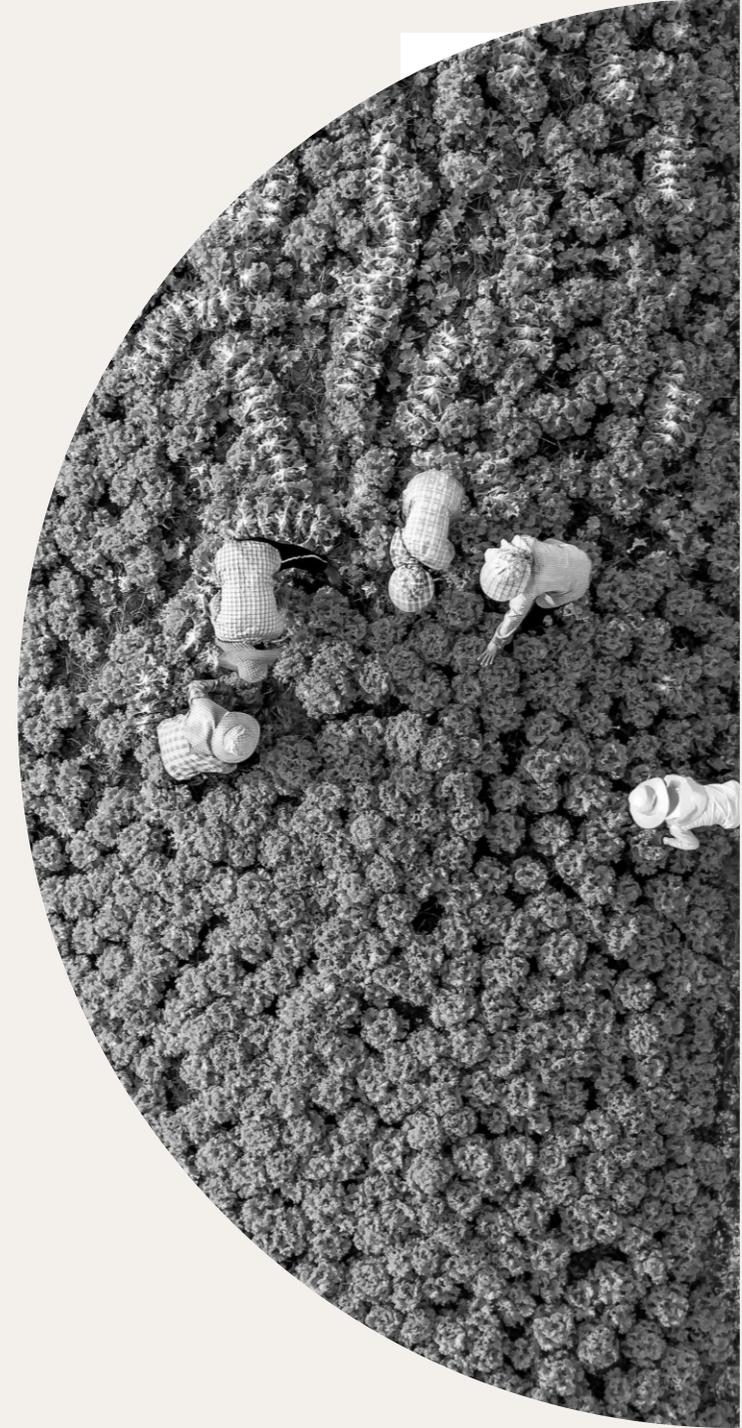


# How chronic diseases will keep on impacting all lines of social protection: from today to the future

Dr. Hector Upegui, MD, Dc, MSS, PM, OSHM



The European population aged 15 and over living with a chronic disease is

- 1 in 10
- 2 in 10
- 3 in 10

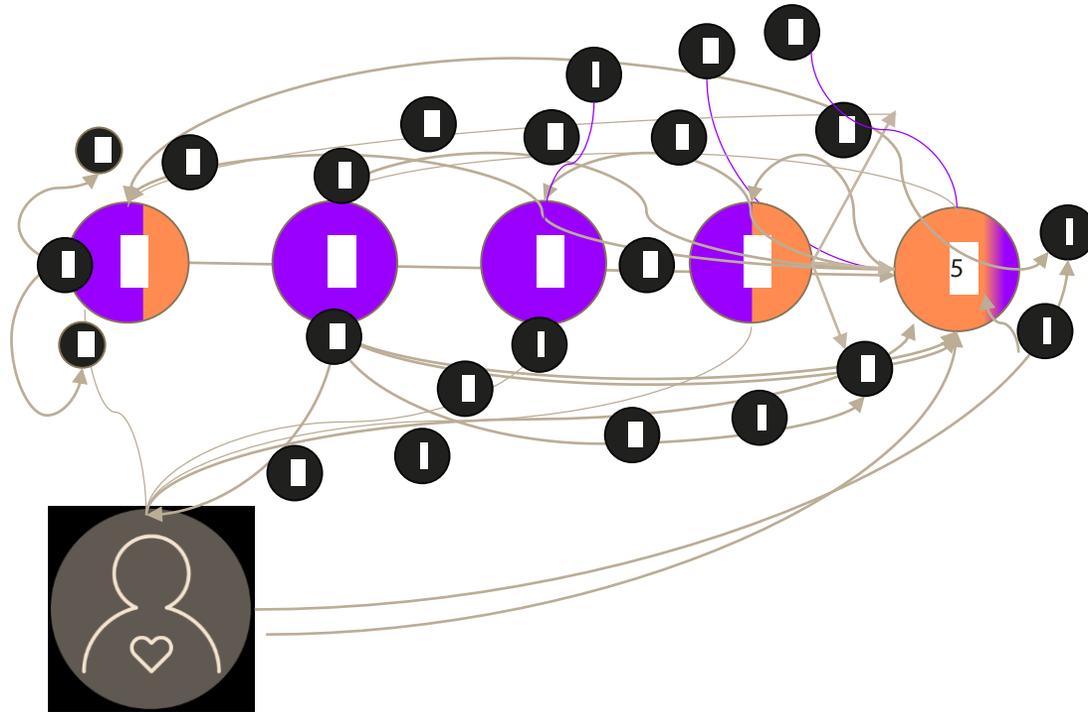
Source: Manifesto. Europe's health deserves the EU's attention: Investing in chronic disease prevention and management, 2019-2024

The European population aged 15 and over living with a chronic disease is

- 3 in 10

Source: Manifesto. Europe's health deserves the EU's attention: Investing in chronic disease prevention and management, 2019-2024

# Healthcare journey\*



● Healthcare data  
● Social data

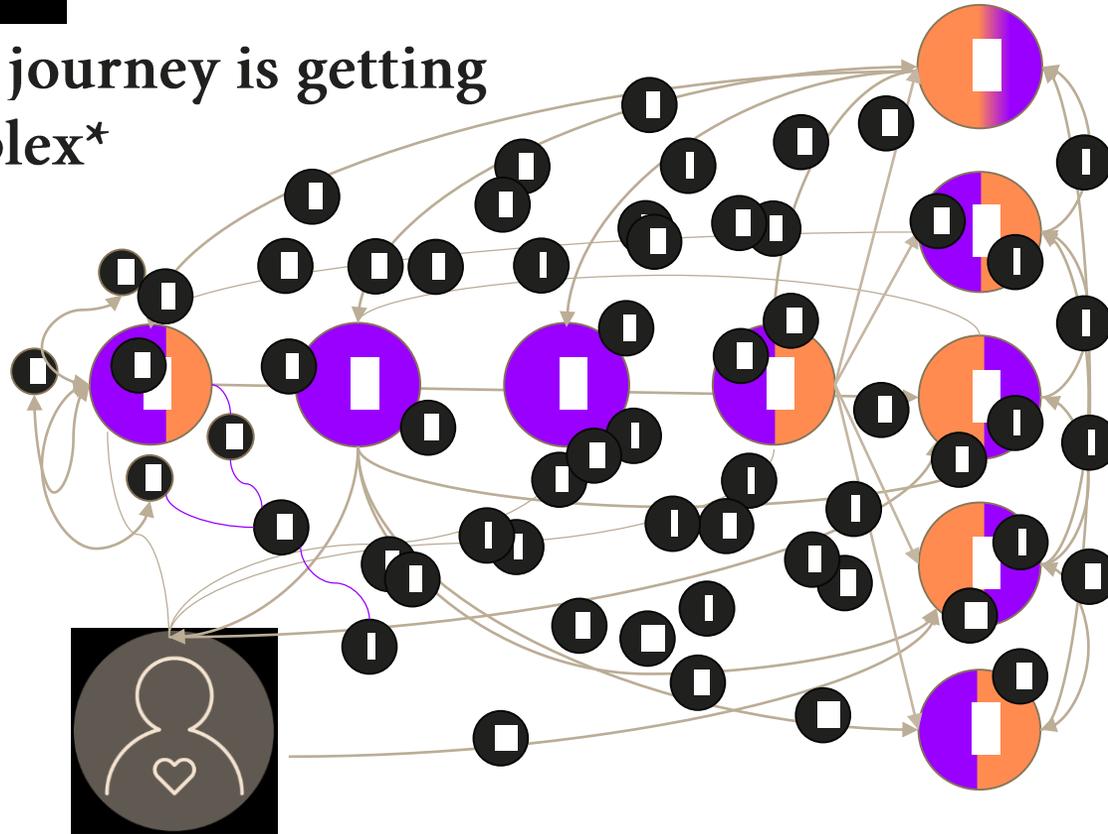
## Type of Service

1. Primary care (GP to specialists)
2. Emergency room
3. Hospitalization
4. Discharged
5. Home without based services
6. Home based services
7. Centre based care service
8. Residential LTC Service
9. Family and/or community care

## Type of Provider

- a. General Physicians
- b. Specialized physicians
- c. Nurses
- d. Pharmacies
- e. Laboratories
- f. Diagnostics
- g. Physiotherapists
- h. Nutritionists
- i. Formal carers
- j. Informal carers
- k. Family members

# Healthcare journey is getting more complex\*



● Healthcare data  
● Social data

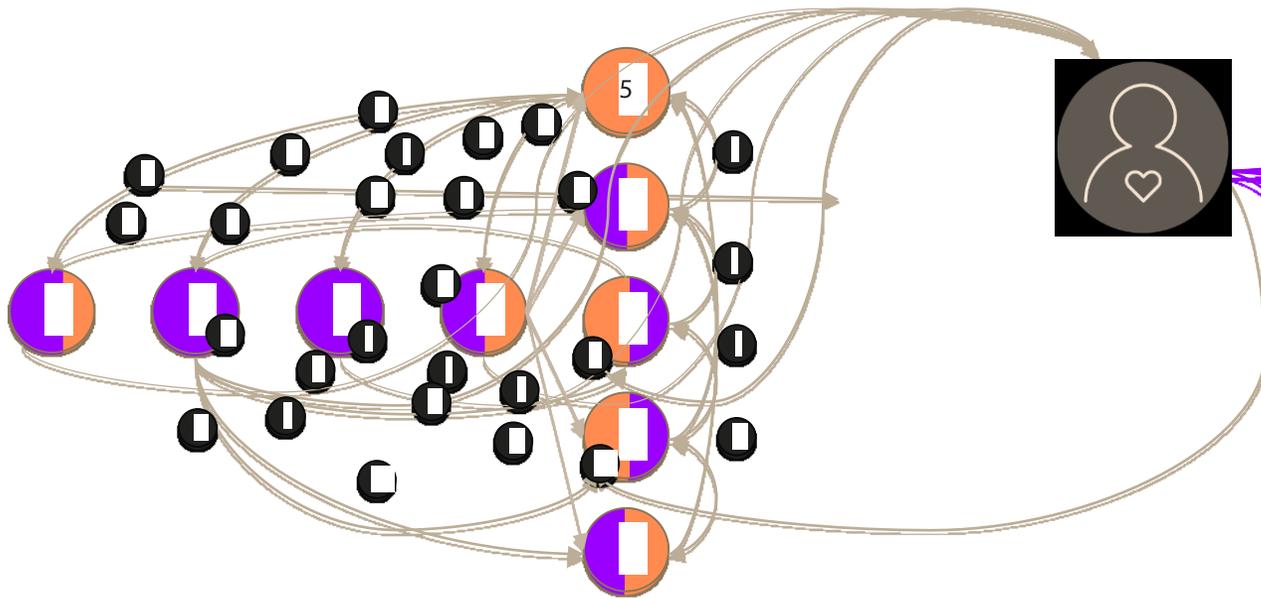
## Type of Service

1. Primary care (GP to specialists)
2. Emergency room
3. Hospitalization
4. Discharged
5. Home without based services
6. Home based services
7. Centre based care service
8. Residential LTC Service
9. Family and/or community care

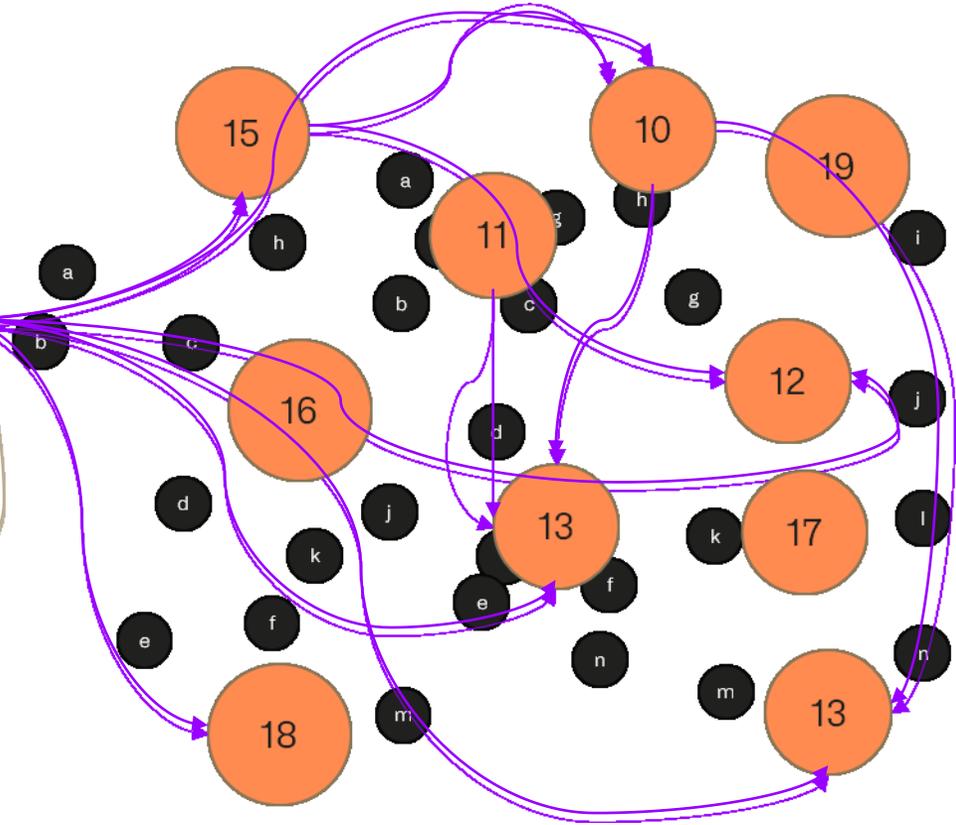
## Type of Provider

- a. General Physicians
- b. Specialized physicians
- c. Nurses
- d. Pharmacies
- e. Laboratories
- f. Diagnostics
- g. Physiotherapists
- h. Nutritionists
- i. Formal carers
- j. Informal carers
- k. Family members
- l. Person
- m. Meal providers
- n. DLA providers formal/informal

# Healthcare and social protection journey \*



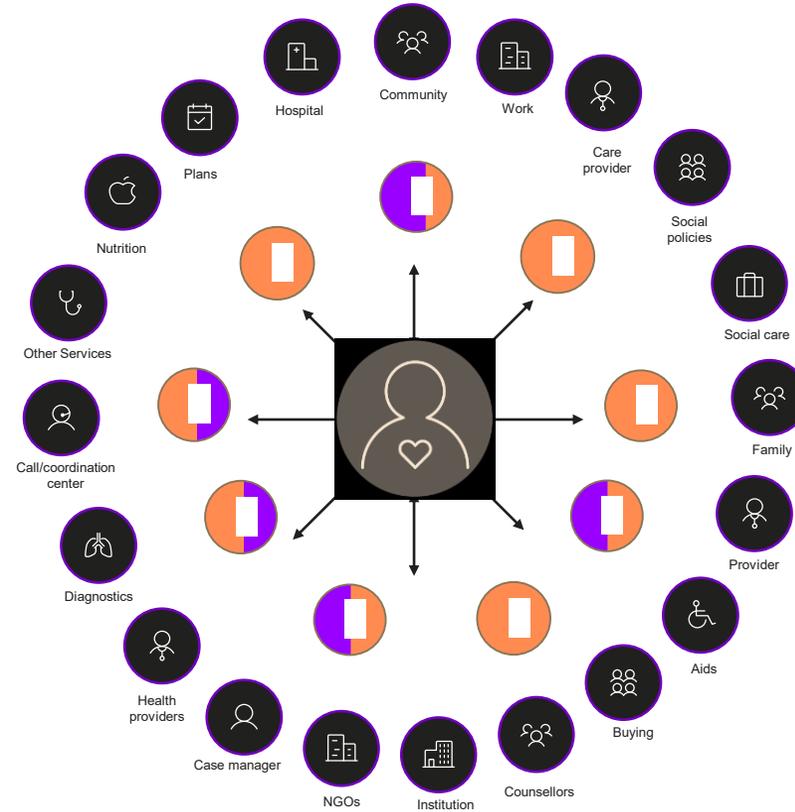
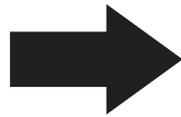
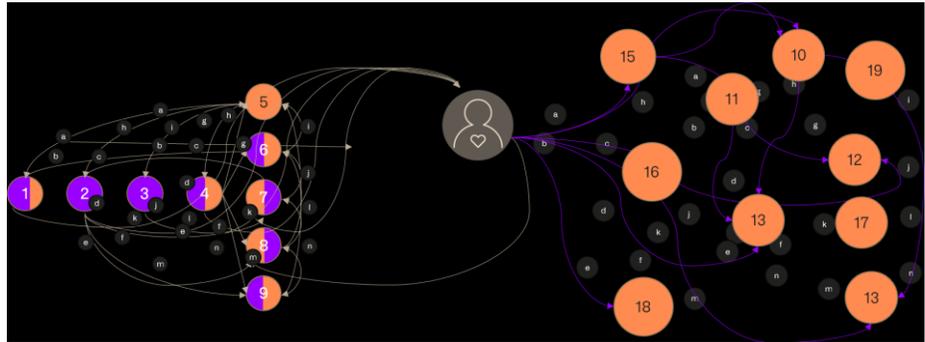
Healthcare journey\*



Social protection journey\*

- Healthcare data
- Social data

# Moving to a new person-centric model\*



Healthcare journey\*

Social protection journey\*

New/ongoing Person-centric journey\*

- Healthcare data
- Social data



**Dr. Hector Upegui,**  
**MD,Dc,MSS,PM,OSHM**  
Chief Health Officer -CHSO



[www.linkedin.com/  
in/hectorupegui](https://www.linkedin.com/in/hectorupegui)

© Merative 2023. All Rights Reserved.

The information contained in this presentation is provided for informational purposes only. While efforts were made to verify the completeness and accuracy of the information contained in this presentation, it is provided AS IS without warranty of any kind, express or implied. In addition, this information is based on Merative's current product plans and strategy, which are subject to change by Merative without notice. Merative shall not be responsible for any damages arising out of the use of, or otherwise related to, this presentation or any other materials. Nothing contained in this presentation is intended to, nor shall have the effect of, creating any warranties or representations from Merative or its suppliers or licensors, or altering the terms and conditions of the applicable license agreement governing the use of Merative products.

Product release dates, availability and/or capabilities referenced in this presentation may change at any time at Merative's sole discretion, and are not intended to be a commitment to future product or feature availability in any way. Not all Merative products are available in all jurisdictions in which Merative operates. Nothing contained in these materials is intended to, nor shall have the effect of, stating or implying that any activities undertaken by you will result in any specific performance results, and an individual user may achieve results different than any stated here.

Any customer examples described are presented as illustrations of how those customers have used Merative products and the results they may have achieved. Actual environmental costs and performance characteristics may vary by customer.

Merative, the Merative logo, and merative.com are trademarks of Merative, registered in many jurisdictions worldwide. Other product and service names might be trademarks of Merative or other companies.

# Adherence to long-term therapy for chronic illnesses in developed countries averages:

- 30%
- 50%
- 70%

Source: Adherence to long-term therapies: evidence for action. WHO, 2003

Adherence to long-term therapy for chronic illnesses in developed countries averages:

- 50%

Source: Adherence to long-term therapies: evidence for action. WHO, 2003

In some countries of the EU limited (insufficient or problematic) health literacy was almost of:

- 30%
- 50%
- 70%

Source. European Journal of Public Health, Vol. 25, No. 6, 1053–1058, 2015

In some countries of the EU limited (insufficient or problematic) health literacy was almost of:

- 50%

Source. European Journal of Public Health, Vol. 25, No. 6, 1053–1058, 2015

Average consultation length differed across the world. 18 countries representing about 50% of the global population spend with their primary care physicians:

- Less than 10 minutes
- Between 10 & 12 minutes
- More than 12 minutes

Source. Irving G, Neves AL, Dambha-Miller H, et al. International variations in primary care physician consultation time: a systematic review of 67 countries. *BMJ Open* 2017;7:e017902. doi:10.1136/bmjopen-2017-017902

Average consultation length differed across the world. 18 countries representing about 50% of the global population spend with their primary care physicians:

- Less than 10 minutes

Source. Irving G, Neves AL, Dambha-Miller H, et al. International variations in primary care physician consultation time: a systematic review of 67 countries. *BMJ Open* 2017;7:e017902. doi:10.1136/bmjopen-2017-017902