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EUROPEAN  
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NETWORK

# EAN DIGITAL SUMMIT

## EU Survey on Digital Care: Bridging the Gap

Main findings of the questionnaire, overall  
conclusions and recommendations for EAN

**WWW.EAN.CARE**

April 27, 2023

MALTA

# 1. Current state of play

What is the member state's vision on digitalization in long-term care?

What is the long-term care sector vision on digitalization?

*Gap in appreciation and ambition about the role and importance*

*- Is digital care a possibility (a nice to have) or a necessity (a need to have)?*

# Digital skills

Importance is undisputed

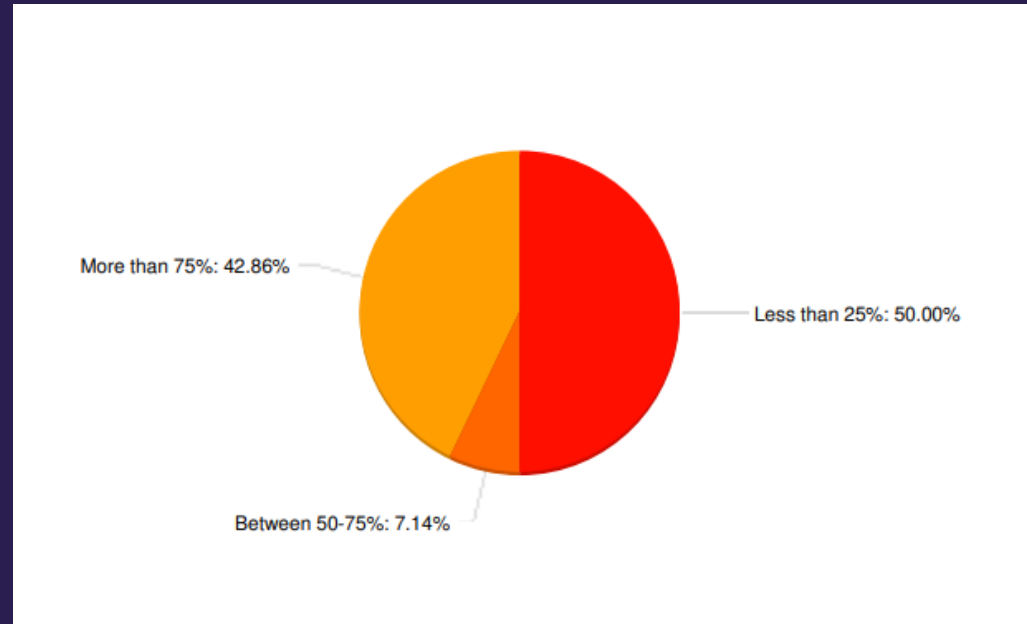
Key factor in implementation

Focus on skills *both* caregiver *and* clients and informal carers

*Underlines EAN's involvement in the Care4Skills Project*  
*Any further actions needed?*

## 2. Primary Use

- How many care providers work with electronic patient files?



*Given the importance of EPF's: an urgent need to catch up for the majority of our sector.*

*How can EAN help?*

## 2. Primary Use

- National standards for the interoperability of electronic patient files are mostly non existent, or very limited
- Data of the electronic patient file are mostly not *technically* accessible for other care providers e.g hospitals or gp's
  - *A call to act for member states*
  - *Is the European Health Data Space the driver for interoperable integrated care?*

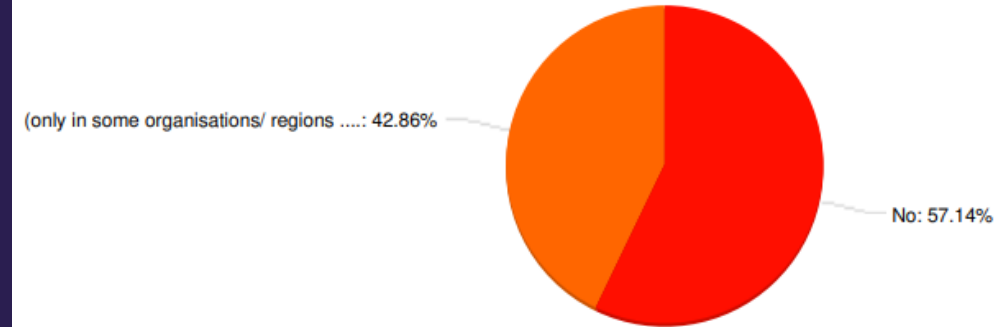
## 3. Secondary Use

- Only a small minority of care providers deliver patient data for secondary use (e.g research and development, benchmarking etc)
- It is generally considered as being (very) useful.
- Cross border patient data exchange is still very limited.

*A call for EAN/ ECREAS for sharing and disseminating practices?*

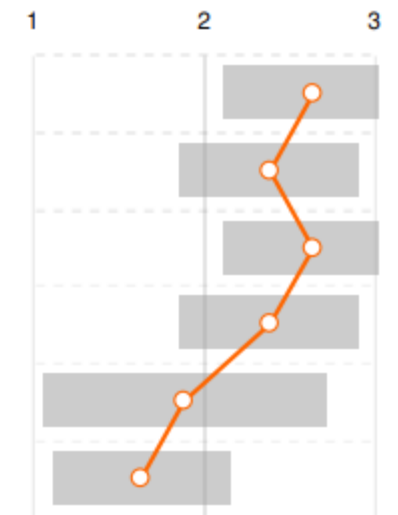
# 4. Overview of technology in LTC

## Medication dispenser



	Do not agree (1)		Conditionally agree (2)		Fully agree (3)			
	Σ	%	Σ	%	Σ	%	Ø	±
Saves time for staff and support th...	-	-	3x	37,50	5x	62,50	2,63	0,52
Reduces administrative burden/ d...	-	-	5x	62,50	3x	37,50	2,38	0,52
Helps older people in independen...	-	-	3x	37,50	5x	62,50	2,63	0,52
Easy to use and to learn/ accept b...	-	-	5x	62,50	3x	37,50	2,38	0,52
Is based on a sound business mo...	3x	37,50	3x	37,50	2x	25,00	1,88	0,83
Has interoperability in use	3x	37,50	5x	62,50	-	-	1,63	0,52

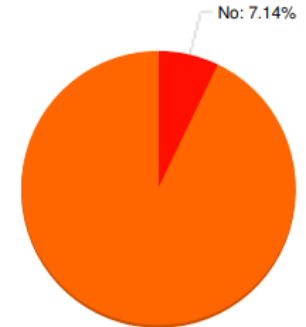
Rekenkundig gemiddelde (Ø)  
Standard deviation (±)



# 4. Overview of technology in LTC

## Telemonitoring

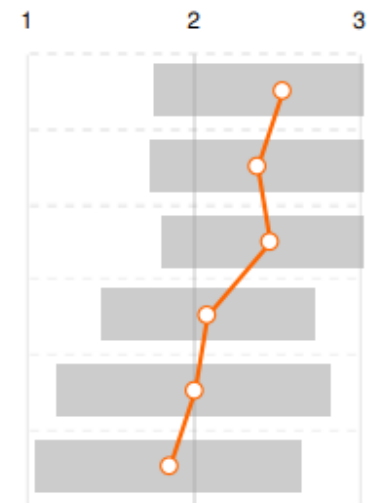
(only in some organisati...



Rekenkundig gemiddelde (Ø)

Standard deviation (±)

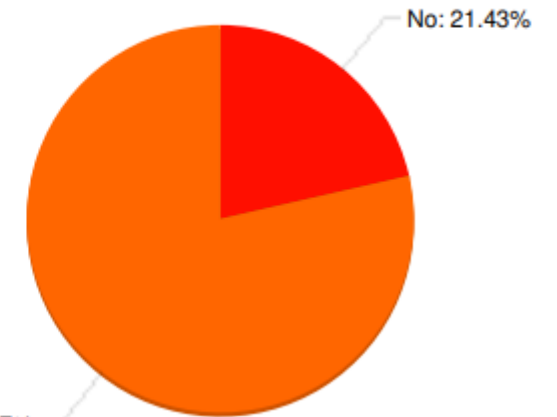
	Do not agree (1)		Conditionally agree (2)		Fully agree (3)		Ø	±
	Σ	%	Σ	%	Σ	%		
Saves time for staff and support th...	2x	15,38	2x	15,38	9x	69,23	2,54	0,78
Reduces administrative burden/ d...	1x	7,69	6x	46,15	6x	46,15	2,38	0,65
Helps older people in independen...	1x	7,69	5x	38,46	7x	53,85	2,46	0,66
Easy to use and to learn/ accept b...	2x	15,38	8x	61,54	3x	23,08	2,08	0,64
Is based on a sound business mo...	4x	30,77	5x	38,46	4x	30,77	2,00	0,82
Has interoperability in use	5x	38,46	5x	38,46	3x	23,08	1,85	0,80





# 4. Overview of technology in LTC

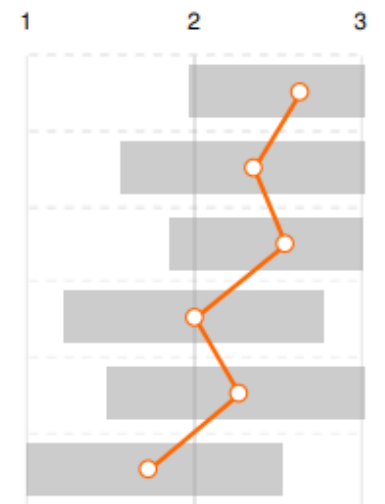
## Telemedicine



s, partly (only in some organisations/ regions .....: 78.57%

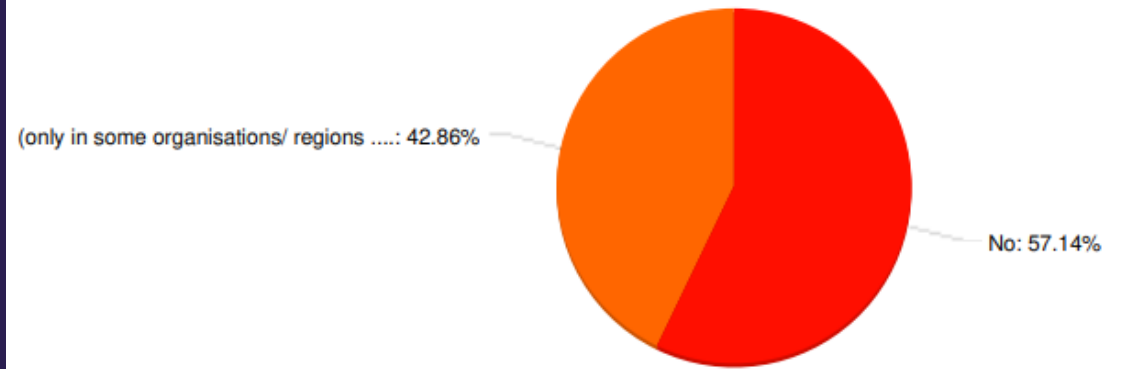
	Do not agree (1)		Conditionally agree (2)		Fully agree (3)		Ø	±
	Σ	%	Σ	%	Σ	%		
Saves time for staff and support th...	1x	9,09	2x	18,18	8x	72,73	2,64	0,67
Reduces administrative burden/ d...	2x	18,18	3x	27,27	6x	54,55	2,36	0,81
Helps older people in independen...	1x	9,09	3x	27,27	7x	63,64	2,55	0,69
Easy to use and to learn/ accept b...	3x	27,27	5x	45,45	3x	27,27	2,00	0,77
Is based on a sound business mo...	2x	18,18	4x	36,36	5x	45,45	2,27	0,79
Has interoperability in use	5x	45,45	4x	36,36	2x	18,18	1,73	0,79

Rekenkundig gemiddelde (Ø)  
Standard deviation (±)



# 4. Overview of technology in LTC

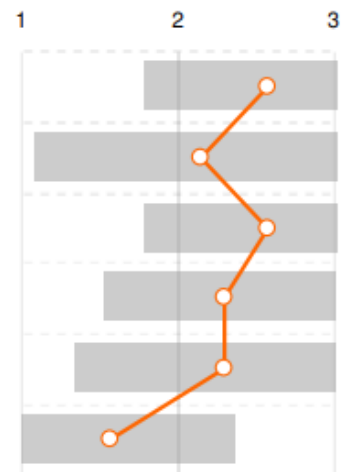
## Smart diapers



	Do not agree (1)		Conditionally agree (2)		Fully agree (3)		Ø	±
	Σ	%	Σ	%	Σ	%		
Saves time for staff and support th...	1x	14,29	1x	14,29	5x	71,43	2,57	0,79
Reduces administrative burden/ d...	3x	42,86	-	-	4x	57,14	2,14	1,07
Helps older people in independen...	1x	14,29	1x	14,29	5x	71,43	2,57	0,79
Easy to use and to learn/ accept b...	1x	14,29	3x	42,86	3x	42,86	2,29	0,76
Is based on a sound business mo...	2x	28,57	1x	14,29	4x	57,14	2,29	0,95
Has interoperability in use	4x	57,14	2x	28,57	1x	14,29	1,57	0,79

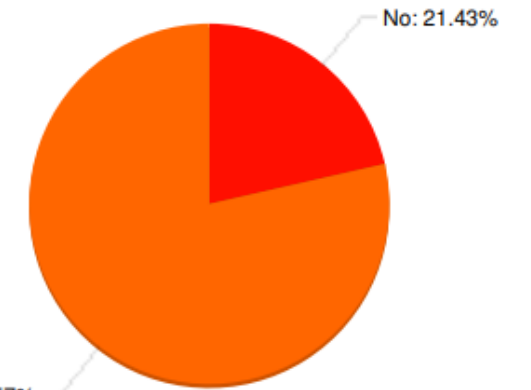
Rekenkundig gemiddelde (Ø)

Standard deviation (±)



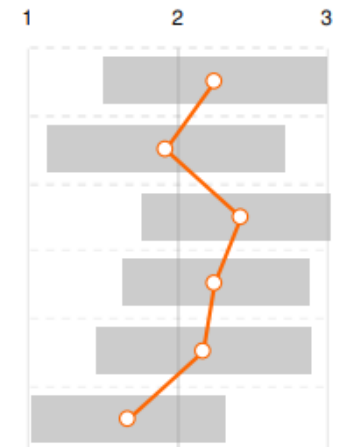
# 4. Overview of technology in LTC

## Fall prediction



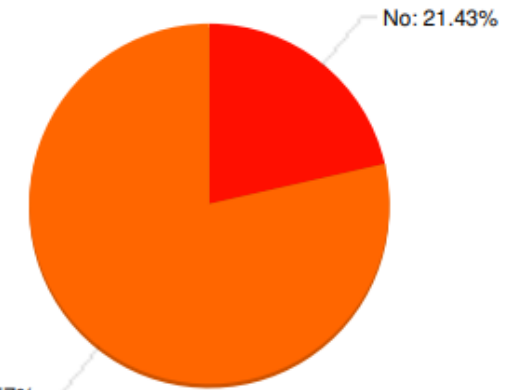
is, partly (only in some organisations/ regions .....: 78.57%

	Do not agree (1)		Conditionally agree (2)		Fully agree (3)		Ø	±
	Σ	%	Σ	%	Σ	%		
Saves time for staff and support th...	2x	16,67	5x	41,67	5x	41,67	2,25	0,75
Reduces administrative burden/ d...	4x	33,33	5x	41,67	3x	25,00	1,92	0,79
Helps older people in independen...	1x	8,33	5x	41,67	6x	50,00	2,42	0,67
Easy to use and to learn/ accept b...	1x	8,33	7x	58,33	4x	33,33	2,25	0,62
Is based on a sound business mo...	2x	16,67	6x	50,00	4x	33,33	2,17	0,72
Has interoperability in use	5x	41,67	6x	50,00	1x	8,33	1,67	0,65



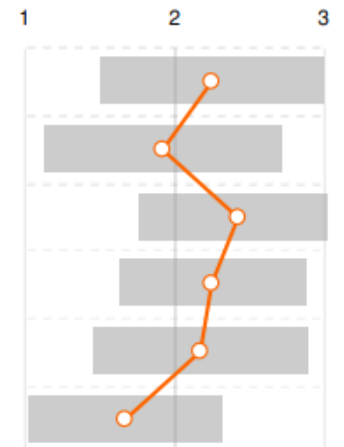
# 4. Overview of technology in LTC

## Fall prediction



	Do not agree (1)		Conditionally agree (2)		Fully agree (3)		Ø	±
	Σ	%	Σ	%	Σ	%		
Saves time for staff and support th...	2x	16,67	5x	41,67	5x	41,67	2,25	0,75
Reduces administrative burden/ d...	4x	33,33	5x	41,67	3x	25,00	1,92	0,79
Helps older people in independen...	1x	8,33	5x	41,67	6x	50,00	2,42	0,67
Easy to use and to learn/ accept b...	1x	8,33	7x	58,33	4x	33,33	2,25	0,62
Is based on a sound business mo...	2x	16,67	6x	50,00	4x	33,33	2,17	0,72
Has interoperability in use	5x	41,67	6x	50,00	1x	8,33	1,67	0,65

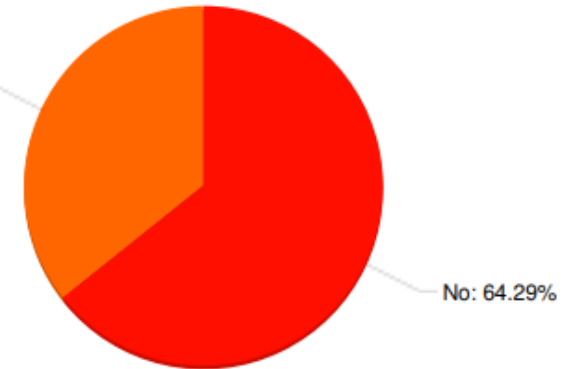
Rekenkundig gemiddelde (Ø)  
Standard deviation (±)



# 4. Overview of technology in LTC

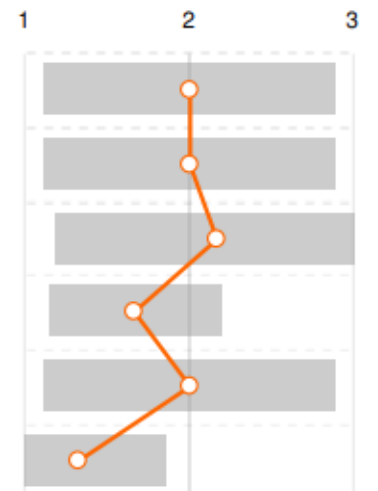
## Smart glasses

ly (only in some organisations/ regions ....: 35.71%



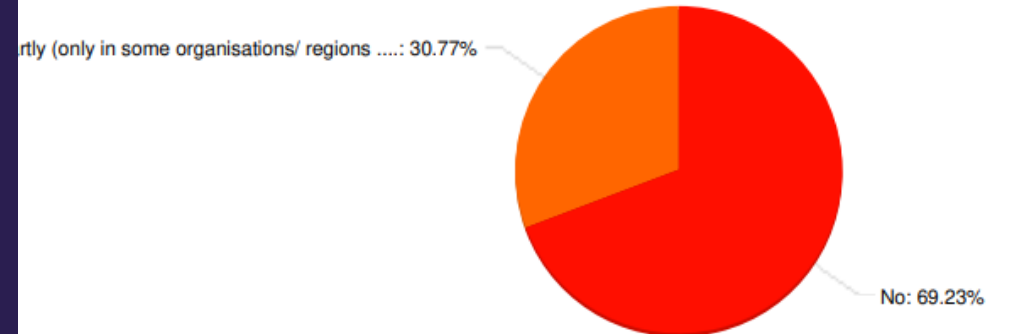
	Do not agree (1)		Conditionally agree (2)		Fully agree (3)		Ø	±
	Σ	%	Σ	%	Σ	%		
Saves time for staff and support th...	2x	33,33	2x	33,33	2x	33,33	2,00	0,89
Reduces administrative burden/ d...	2x	33,33	2x	33,33	2x	33,33	2,00	0,89
Helps older people in independen...	2x	33,33	1x	16,67	3x	50,00	2,17	0,98
Easy to use and to learn/ accept b...	2x	33,33	4x	66,67	-	-	1,67	0,52
Is based on a sound business mo...	2x	33,33	2x	33,33	2x	33,33	2,00	0,89
Has interoperability in use	4x	66,67	2x	33,33	-	-	1,33	0,52

Rekenkundig gemiddelde (Ø)  
Standard deviation (±)



# 4. Overview of technology in LTC

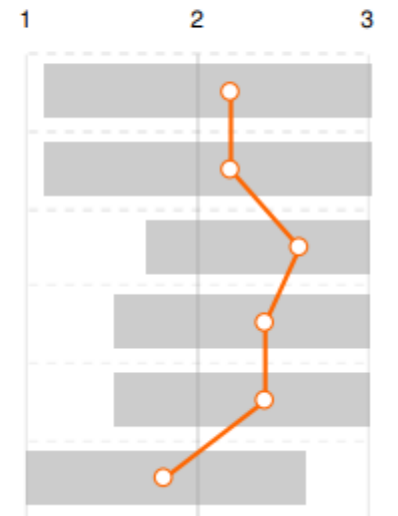
## Pressure injury risk prediction



	Do not agree (1)		Conditionally agree (2)		Fully agree (3)		Ø	±
	Σ	%	Σ	%	Σ	%		
Saves time for staff and support th...	2x	40,00	-	-	3x	60,00	2,20	1,10
Reduces administrative burden/ d...	2x	40,00	-	-	3x	60,00	2,20	1,10
Helps older people in independen...	1x	20,00	-	-	4x	80,00	2,60	0,89
Easy to use and to learn/ accept b...	1x	20,00	1x	20,00	3x	60,00	2,40	0,89
Is based on a sound business mo...	1x	20,00	1x	20,00	3x	60,00	2,40	0,89
Has interoperability in use	2x	40,00	2x	40,00	1x	20,00	1,80	0,84

Rekenkundig gemiddelde (Ø)

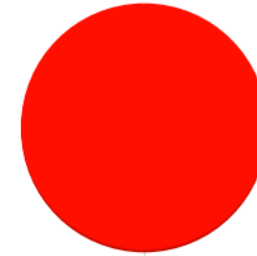
Standard deviation (±)



# 4. Overview of technology in LTC

Our European champion:

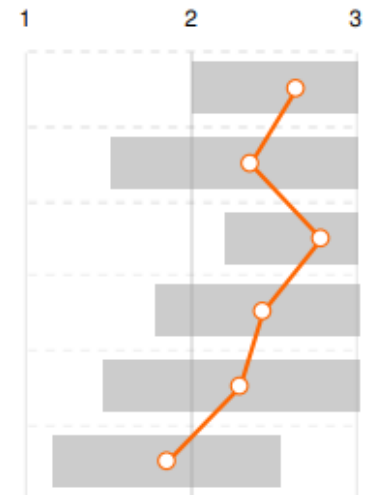
GPS Tracking



Yes, partly (only in some organisations/ regions .....: 100.00%

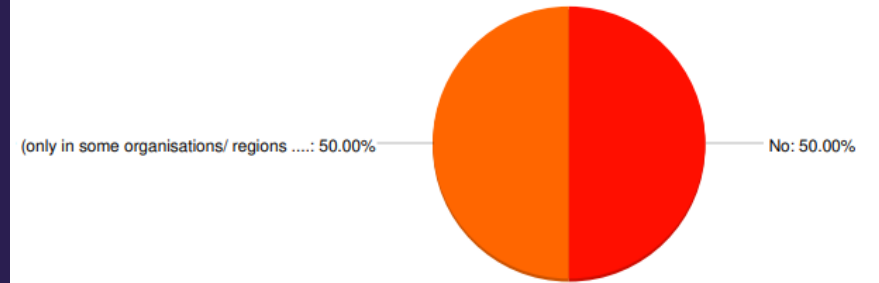
	Do not agree (1)		Conditionally agree (2)		Fully agree (3)			
	Σ	%	Σ	%	Σ	%	Ø	±
Saves time for staff and support th...	1x	7,14	3x	21,43	10x	71,43	2,64	0,63
Reduces administrative burden/ d...	3x	21,43	3x	21,43	8x	57,14	2,36	0,84
Helps older people in independen...	1x	7,14	1x	7,14	12x	85,71	2,79	0,58
Easy to use and to learn/ accept b...	1x	7,14	6x	42,86	7x	50,00	2,43	0,65
Is based on a sound business mo...	3x	21,43	4x	28,57	7x	50,00	2,29	0,83
Has interoperability in use	4x	30,77	7x	53,85	2x	15,38	1,85	0,69

Rekenkundig gemiddelde (Ø)  
Standard deviation (±)



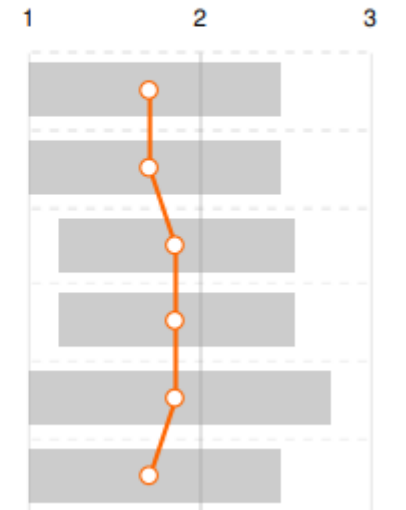
# 4. Overview of technology in LTC

## Robot



	Do not agree (1)		Conditionally agree (2)		Fully agree (3)		Ø	±
	Σ	%	Σ	%	Σ	%		
Saves time for staff and support th...	3x	42,86	3x	42,86	1x	14,29	1,71	0,76
Reduces administrative burden/ d...	3x	42,86	3x	42,86	1x	14,29	1,71	0,76
Helps older people in independen...	2x	28,57	4x	57,14	1x	14,29	1,86	0,69
Easy to use and to learn/ accept b...	2x	28,57	4x	57,14	1x	14,29	1,86	0,69
Is based on a sound business mo...	3x	42,86	2x	28,57	2x	28,57	1,86	0,90
Has interoperability in use	3x	42,86	3x	42,86	1x	14,29	1,71	0,76

Rekenkundig gemiddelde (Ø)  
Standard deviation (±)





# Conclusion: a contradiction

Many digital tools and solutions :

- Save time for staff, and/or
- Reduce administrative burden, and/or
- Enhances the independency of clients, and or
- Are easy to use and accepted by clients and staff

.... but still are far too scarcely used and implemented. We have a gap to bridge!

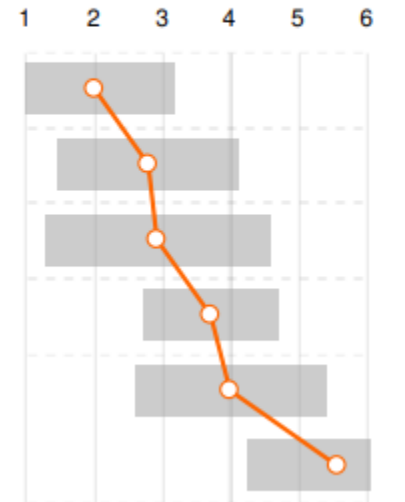
# Looking for clues

- What are the main obstacles of implementing?

	1.		2.		3.		4.		5.		6.			
	Σ	%	Σ	%	Σ	%	Σ	%	Σ	%	Σ	%	Ø	±
Lack of vision	7x	50,00	2x	14,29	3x	21,43	2x	14,29	-	-	-	-	2,00	1,18
Lack of workers skills	2x	14,29	4x	28,57	5x	35,71	2x	14,29	-	-	1x	7,14	2,79	1,31
Lack of funding	3x	21,43	4x	28,57	2x	14,29	2x	14,29	2x	14,29	1x	7,14	2,93	1,64
Ethical/moral issues	-	-	2x	14,29	3x	21,43	6x	42,86	3x	21,43	-	-	3,71	0,99
Legal issues	1x	7,14	2x	14,29	1x	7,14	2x	14,29	8x	57,14	-	-	4,00	1,41
Other	1x	7,14	-	-	-	-	-	-	1x	7,14	12x	85,71	5,57	1,34

Rekenkundig gemiddelde (Ø)

Standard deviation (±)



# Vision on LTC on technology is needed

- Are we as EAN-members ready for fundamental choices in this area?
- What is our ambition?
- What are our main principles and targets?

# Thanks for your attention.

Your email



Helps. Cares. Protects.

**arjo**

*with people in mind*

