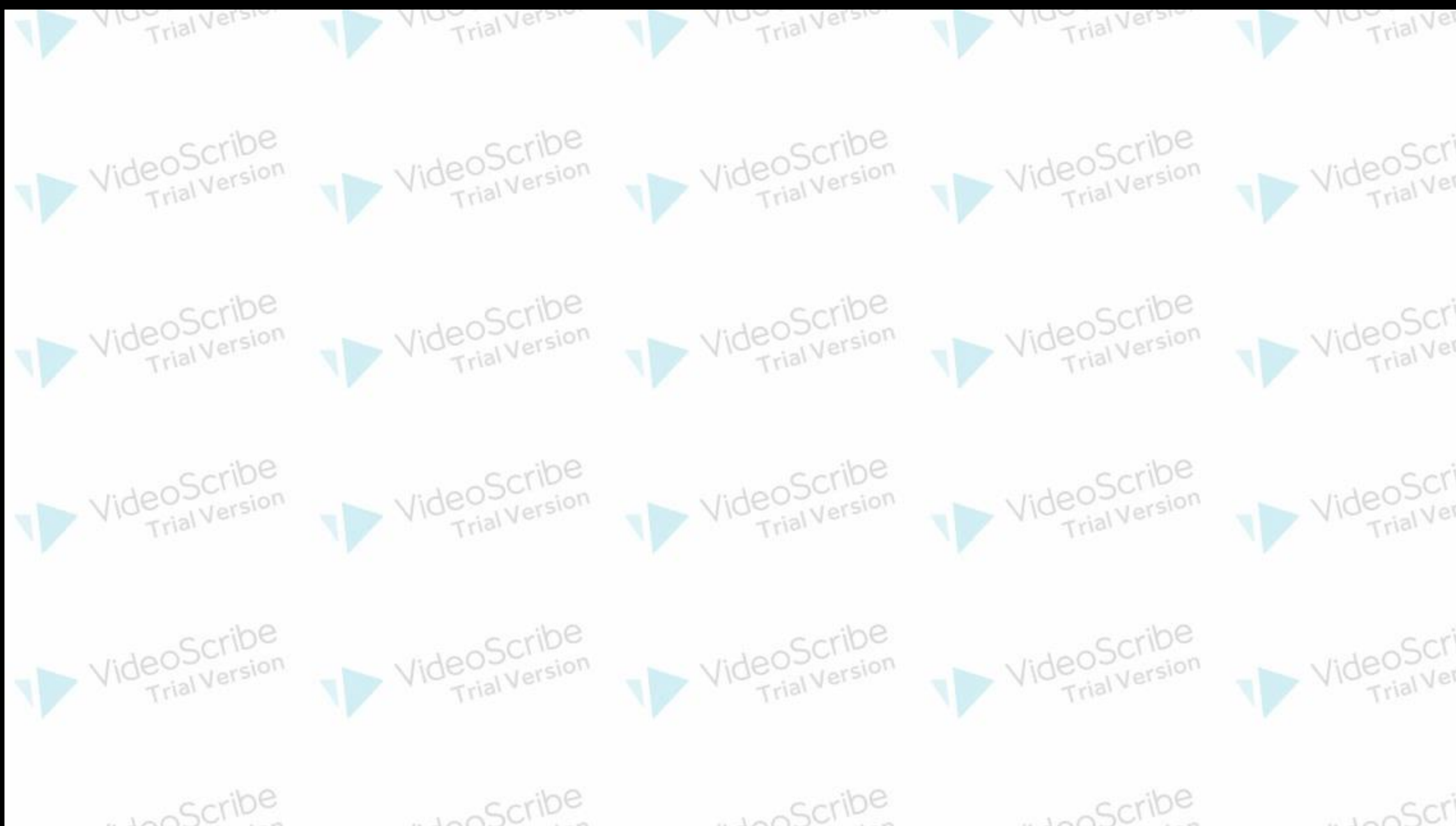




Our Mission

**Evidence-informed
Decision-making in
Healthcare
Management**





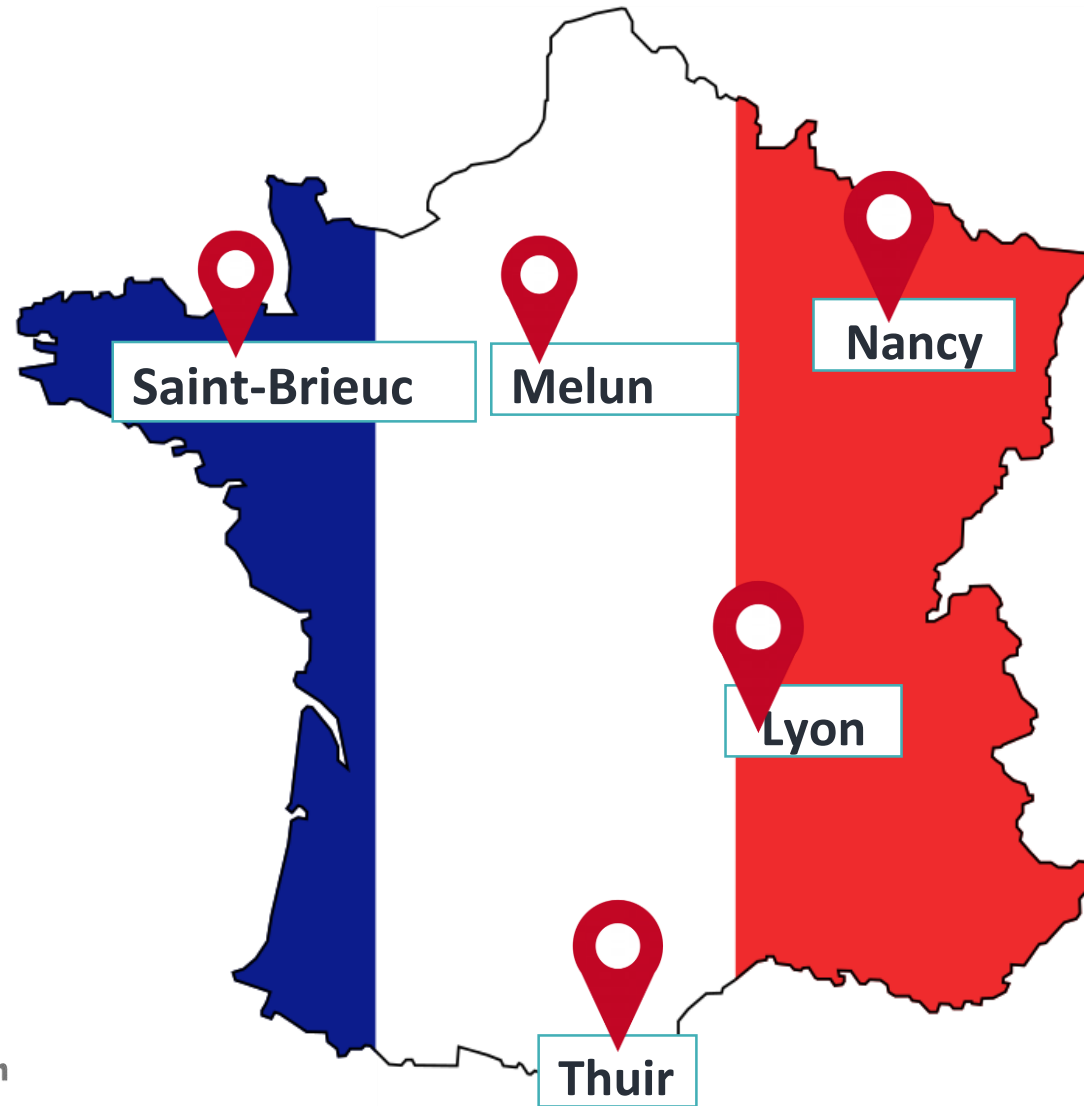


Participants

EB Decision
Making

Case Studies

Conclusion



-  Bruno Descours
-  Carolien Swart
-  Carla Silvia Fernandes
-  Claire Gazzotti
-  Daniela Ivanov
-  Kristina Tischler
-  Giulia Zumerle
-  Malin Rex
-  Xavier Francas

Participants

EB Decision
Making

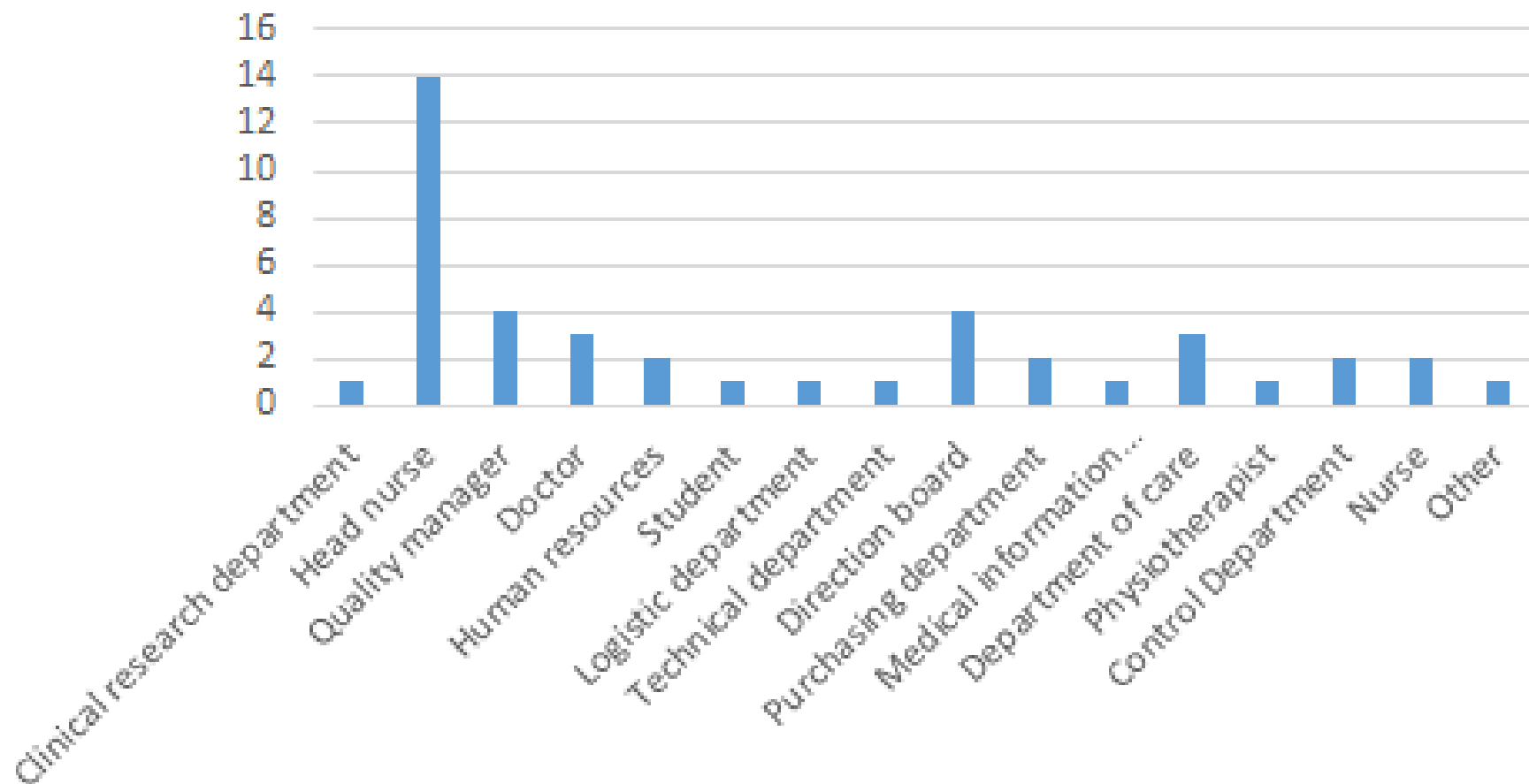
Case Studies

Conclusion



Survey on data collection and use (n= 43)

Professional title or department



Participants

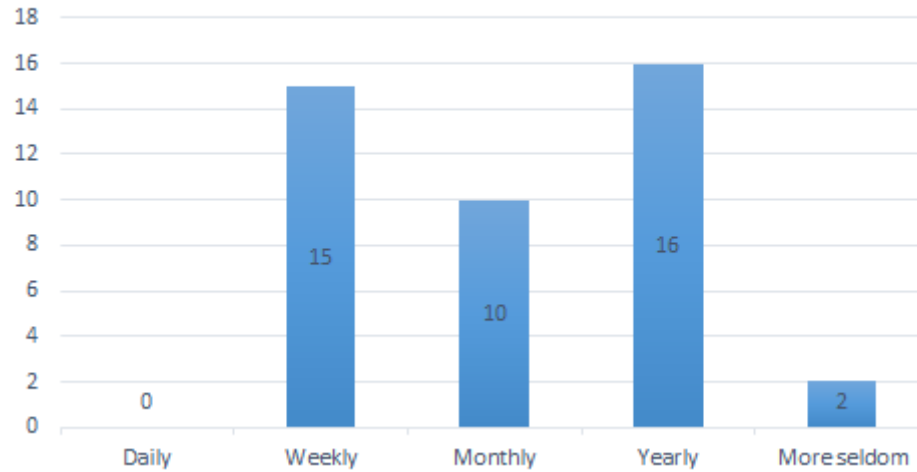
EB Decision
Making

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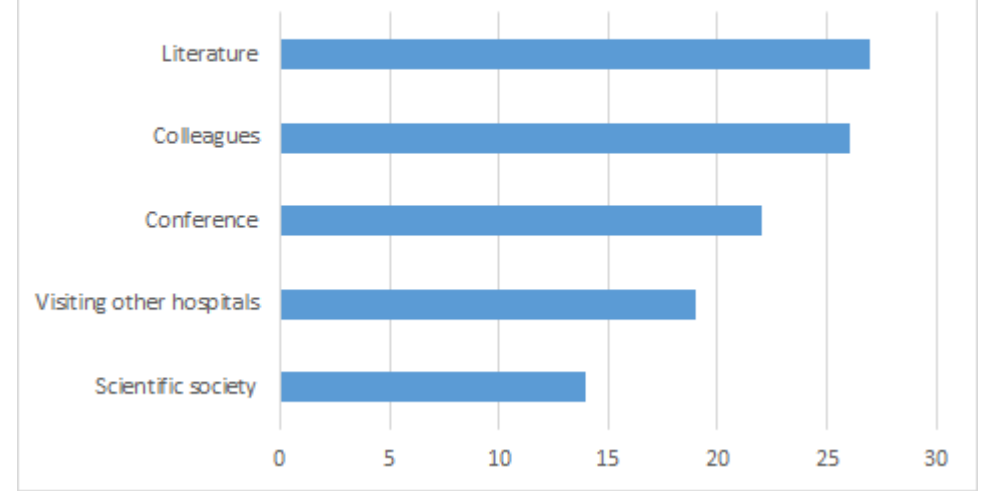
Survey on data collection and use

How often do you use scientific data?



The majority of the staff use scientific literature in their professional role

How do you stay updated on best practices?



83 % benchmark with other hospitals or with national/regional data





Outpatient Operation Building

Centre Hospitalier Saint Brieuc

Participants

EB Decision
Making

Case Studies

Conclusion

PROBLEM

- National objectives for shifting to outpatient care
- Lack of space
- Infrastructural inefficiency

GOALS

- Increasing outpatient activity
- Optimize working space and processes





Outpatient Operation Building

Centre Hospitalier Saint Brieuc

Participants

EB Decision Making

Case Studies

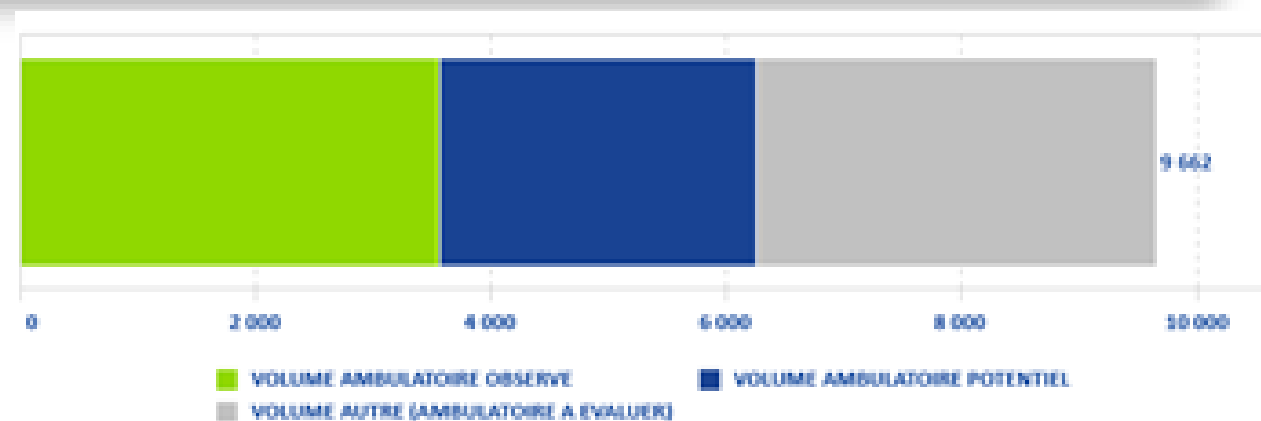
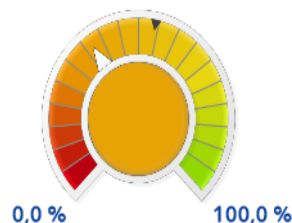
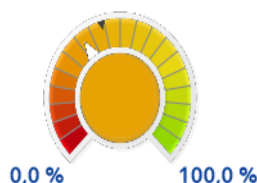
Conclusion

Data Benchmark

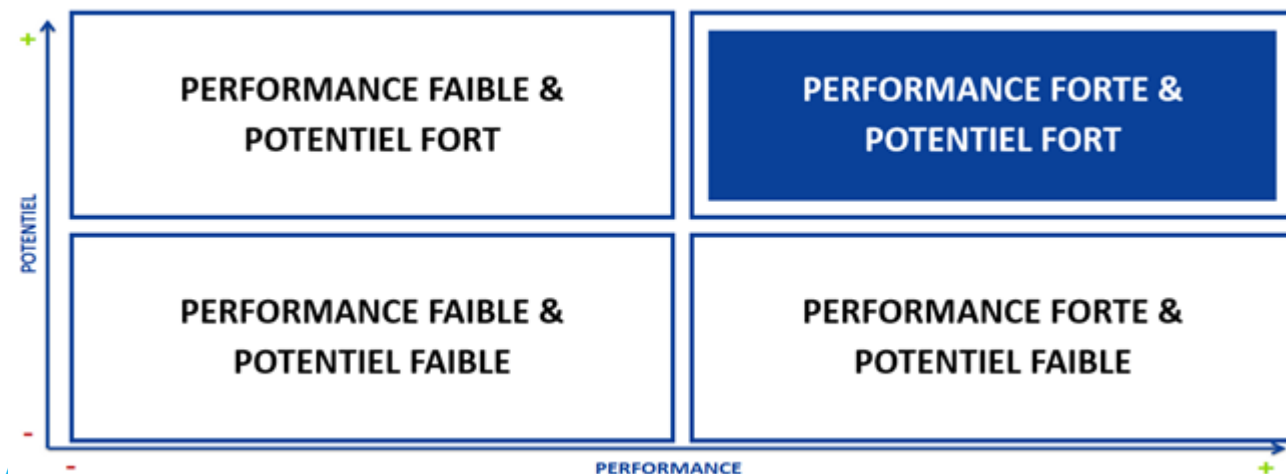


CENTRE HOSPITALIER (Rang = 275 / 332)

FRANCE (Rang = 843 / 975)



220000012 - CENTRE HOSPITALIER YVES LE FOLL





Outpatient Operation Building

Centre Hospitalier Saint Brieuc

Participants

EB Decision
Making

Case Studies

Conclusion

Forecast



<https://www.anap.fr>

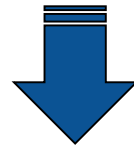
Qualitative study

Different working groups
on space requirements



Key indicators for performance

Adjustable scenario analysis



Capacity recommendation

Surface suggestion

Return on investment forecast





Outpatient Operation Building

Centre Hospitalier Saint Briec

Participants

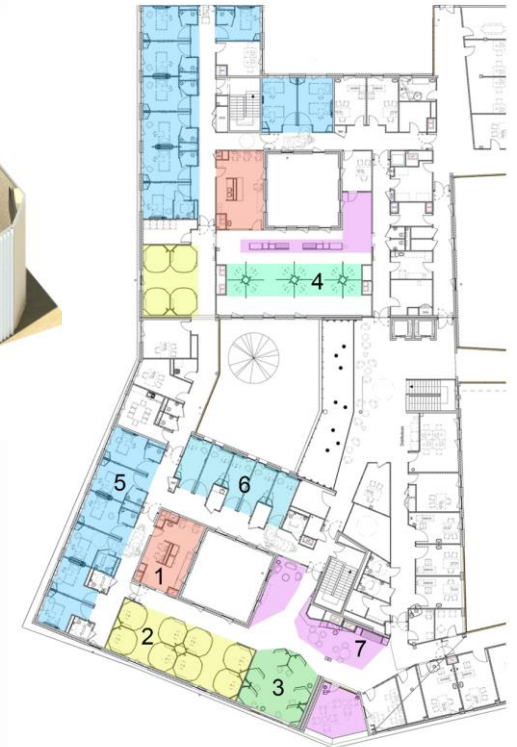
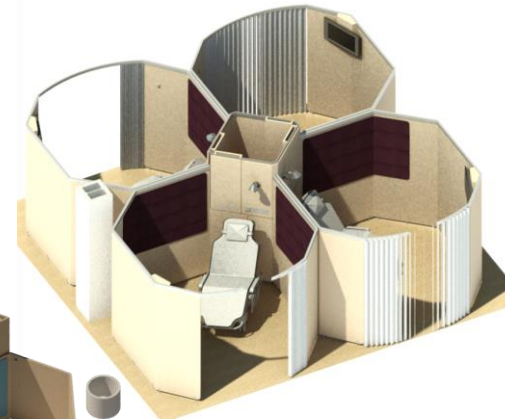
EB Decision
Making

Case Studies

Conclusion

DECISION

- Successful Planning of a innovative hospital building
- Approval by COPERMO (authorization institution)



Participants

EB Decision
Making

Case Studies

Conclusion



Centralized Transportation System

Centre Hospitalier Saint Briec

PROBLEM

- Not enough workers
- Long waiting time for patients in support services (especially in peak times)



GOALS

- Centralize the service
- Improve Performance
- Simplify information exchange
- Diminish transportation waiting time
- Improve working conditions
- Harmonize transportation service

Centralized Transportation System

Centre Hospitalier Saint Briec

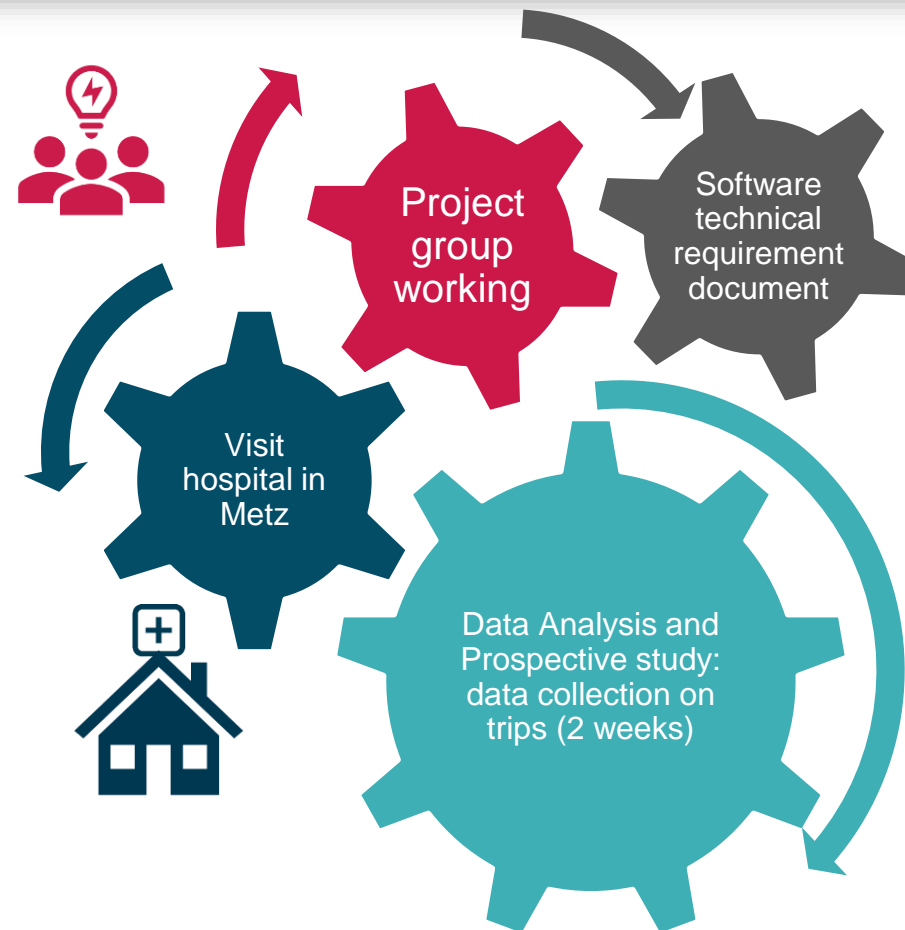
Participants

EB Decision
Making

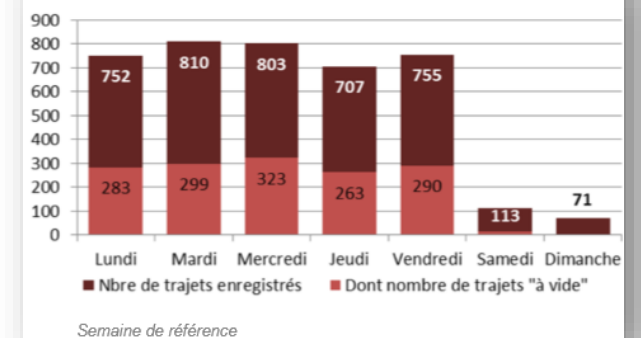
Case Studies

Conclusion

INFORMATION GATHERING



Nombre de trajets par jour de la semaine



Participants

EB Decision
Making

Case Studies

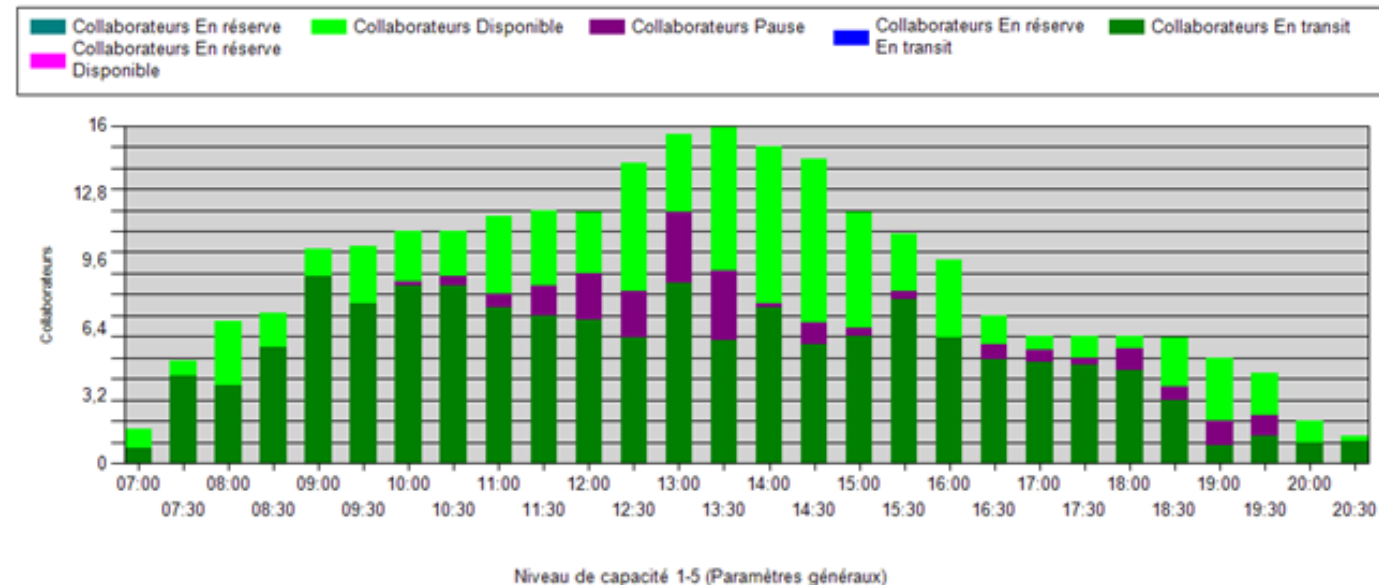
Conclusion

Centralized Transportation System

Centre Hospitalier Saint Briec

RESULTS

- Working time extension (+ 1 hour on working days and now open on Saturdays and Sundays)
- More units covered (+ 4 units)
- Higher efficiency (not «retours à vide» anymore)



Centralized Transportation System

Centre Hospitalier Saint Briec

Participants

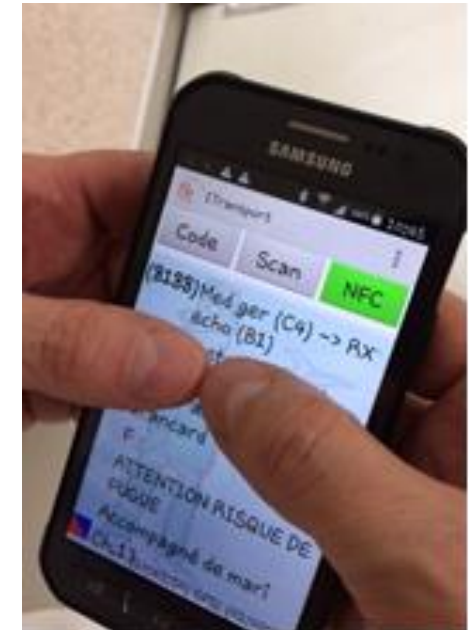
EB Decision
Making

Case Studies

Conclusion

RESULTS

- Introducing a new unit
- Implementing a new information system with mobile devices which is connected to the general patient information system





Bed occupancy rate / needed staff

Centre Hospitalier Universitaire Nancy

Participants

EB Decision
Making

Case Studies

Conclusion

TOPIC

- Planning and managing bed capacity
- Central team - Administrative staff
- Real time
- Forecast

PURPOSE

- The right patient at the right place
- Forecasting required staff on duty
- Managing patient flow





Bed occupancy rate / needed staff

Centre Hospitalier Universitaire Nancy

Participants

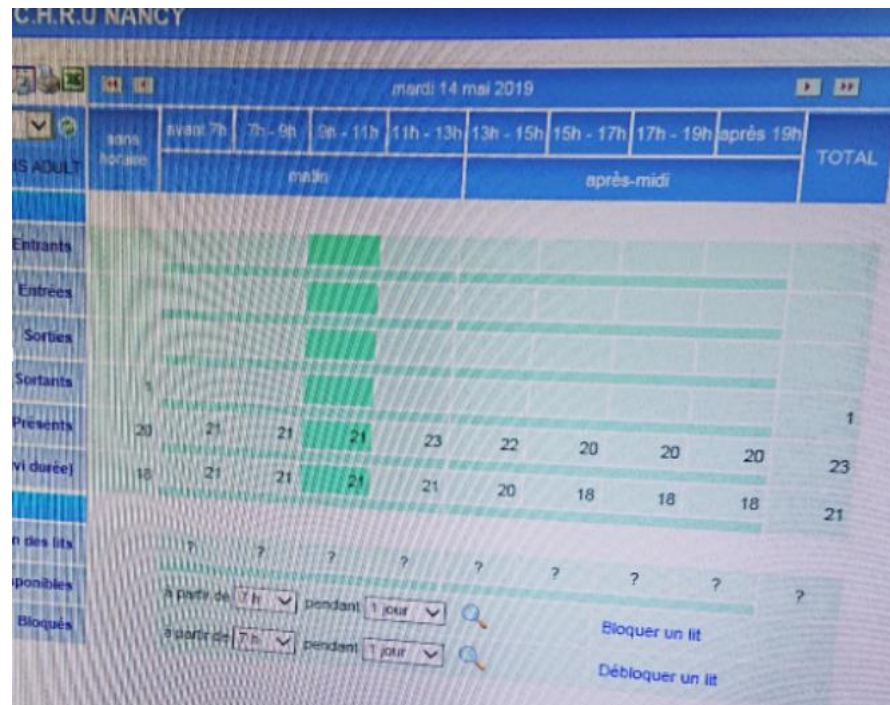
EB Decision Making

Case Studies

Conclusion

TOOL

- Web based computer application



CHRU NANCY										
mardi 14 mai 2019										
	avant 7h	7h - 9h	9h - 11h	11h - 13h	13h - 15h	15h - 17h	17h - 19h	après 19h	TOTAL	
	matin				après-midi					
Entrants										
Entrées										
Sorties										
Sortants										
Présents	20	21	21	21	23	22	20	20	20	1
vi durée)	18	21	21	21	21	20	18	18	18	23
n des lits										21
disponibles	?	?	?	?	?	?	?	?	?	?
Bloqués	à partir de 7h pendant 1 jour à partir de 7h pendant 1 jour									
	Bloquer un lit Débloquer un lit									

MEANS

- Additional use of:

Known facts

- Real time occupancy rate
- Scheduled admissions

Statistical data:

- Patient flow through previous acute hospitalizations and emergencies
- Average stay by pathology, calculated from previous records





Bed occupancy rate / needed staff

Centre Hospitalier Universitaire Nancy

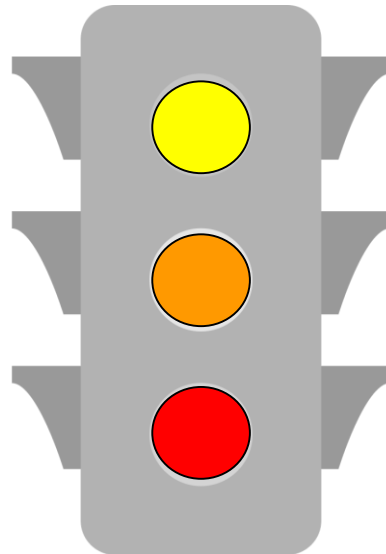
Participants

EB Decision
Making

Case Studies

Conclusion

GRADUATION OF OCCUPANCY RATE



ONE EXTRA BED BY PATIENT WARD

PATIENT WITH MEDICAL PATHOLOGY IN SURGICAL WARD

OPENING OF EXTRA UNIT WITH 12 BEDS





Participants

EB Decision
Making

Case Studies

Conclusion



MERCI!!