CHRODIS+ Implementation strategy

CHRODIS+ Kick-off event

Kronikgune

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Role of Kronikgune in Chrodis +

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Role of Kronikgune

Define a **common methodology and process** for cross-national implementation of innovative practices.

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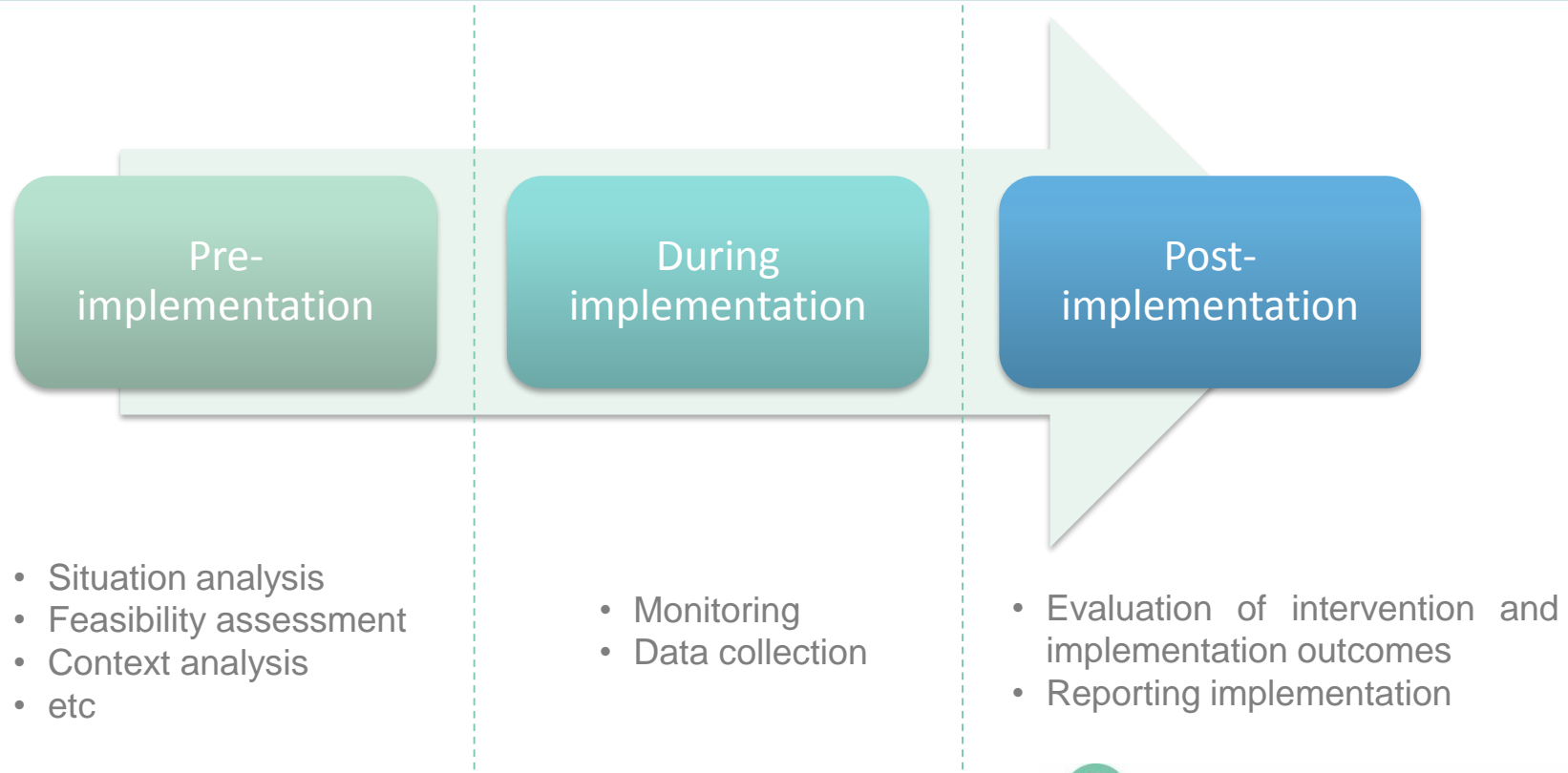IMPLEMENTING GOOD PRACTICES FOR CHRONIC DISEASES

Implementation strategy

Methods and techniques to enhance the adoption, implementation and sustainability of an under-utilized intervention.
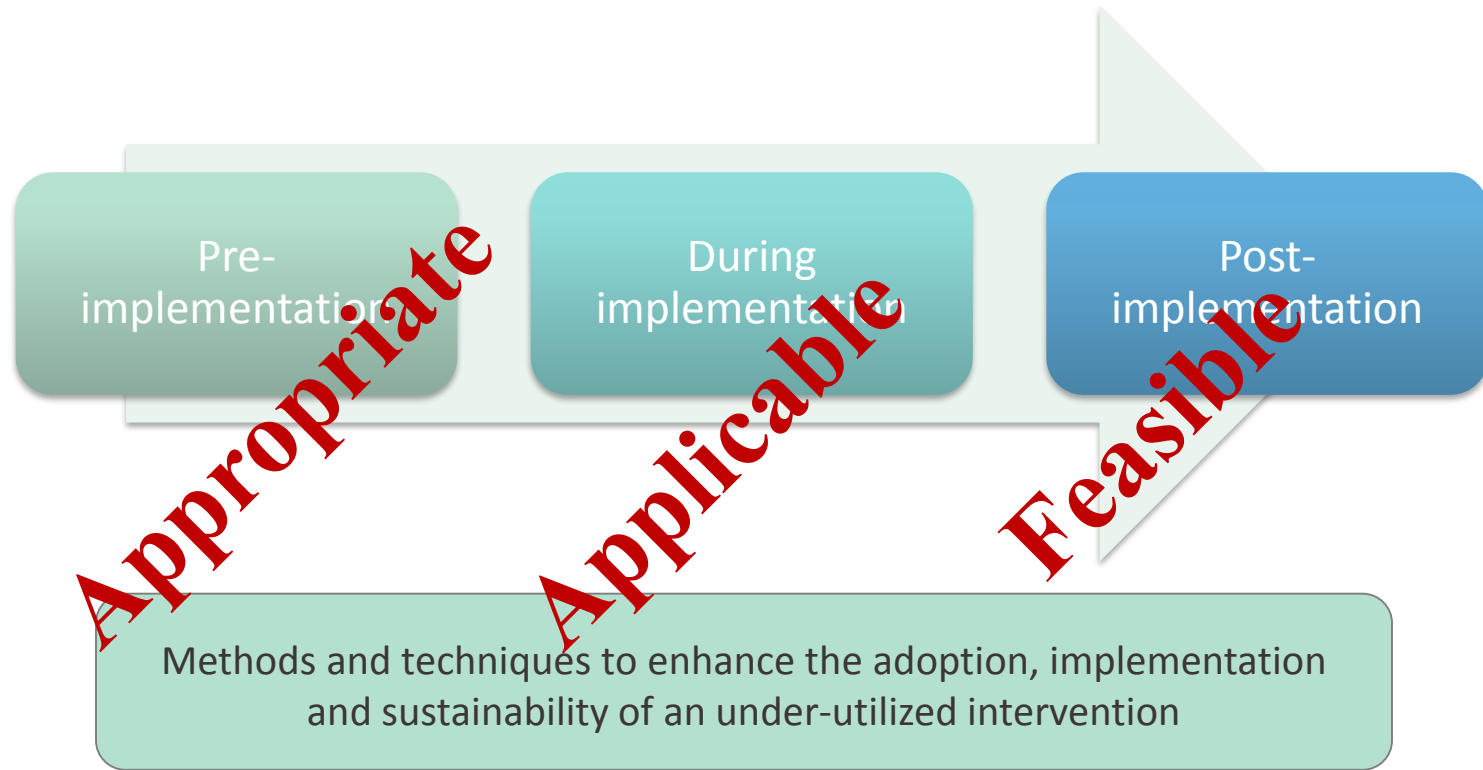
Curran GM, Bauer M, Mittman B, Pyne JM, Stetler C. Effectiveness-implementation hybrid designs: combining elements of clinical effectiveness and implementation research to enhance public health impact. Med Care2012;50:217-26.

Implementation strategy for Chrodis +

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HOW? Implementation strategy. Phases

Pre-implementation

During implementation

Post-implementation

- Situation analysis
- Feasibility assessment
- Context analysis
- etc

- Monitoring
- Data collection

- Evaluation of intervention and implementation outcomes
- Reporting implementation

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HOW? Implementation strategy. Phases

Pre-implementation

During implementation

Post-implementation

Appropriate

Applicable

Feasible

Methods and techniques to enhance the adoption, implementation and sustainability of an under-utilized intervention

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# Implementation strategy proposal

PRE-IMPLEMENTATION (M1-M12)
Identify, specify and analyze determinants which act as barriers and enablers that influence implementation outcomes.

- Situation analysis: SWOT
- Context analysis: B3 Maturity Model
- Change management: collaborative methodology

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Strength, Weakness, Opportunity, Threat. SWOT

A SWOT analysis guides users to identify organization's strengths and weaknesses, as well as broader opportunities and threats. Developing a fuller awareness of the situation helps with both strategic planning and decision-making.
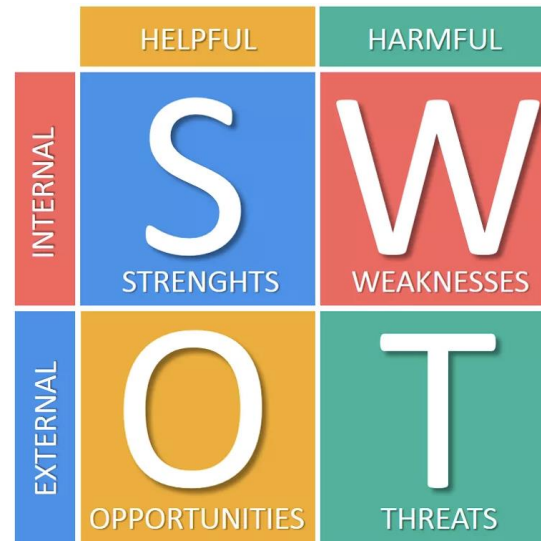
B3 Maturity Model for integrated care. SCIROCCO tool

It is an online tool that identifies, analyses and facilitates knowledge transfer of the multidimensional maturity requirements of good practices and health and care systems

- Recognising the context maturity requirements of good practices and health systems

- Facilitating the process of scaling-up and knowledge transfer

- 12 dimensions, with an explanatory narrative

- Rating scale from 0 to 5

- Output: Spider diagram

Scirocco
Scaling Integrated Care in Context

www.scirocco-Project.eu

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Collaborative methodology. Baseline phase

1. **Topic selection**: identify a particular issue

2. Set up the **multidisciplinary team**

3. Identification of **improvement areas**

4. Definition of collaborative **objectives**

5. Development of **"change package"**

6. Definition of **performance key indicators**

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Example of SWOT analysis

STRENGTHS	WEAKNESSES
Existence of effective pilot experiences in integrated care	Need to overcome resistance to change, in professionals and managers
OPPORTUNITIES	**THREATS**
Political will and existence of strategic plans to promote integrated care	Economic crisis

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Context= Basque Health System where the corporative integrated care pathway for multimorbid patients will be implemented

Example of collaborative methodology (baseline phase)

1. **Topic selection**: implementation of the integrated care pathway for multimorbid patients
2. **Multidisciplinary team:** managers, internists, hospital nurses, GPs, GP practice nurses, Healthcare Directorate of Osakidetza and methodological team
3. **Improvement area**: blurred definition of professionals´ roles and responsibilities in the care provision to multimorbid patients
4. **Objective:** deploy a corporative integrated care pathway for all organizations
5. **Change:** develop, validate and deploy an unified and sustainable integrated care pathway for multimorbid patients agreed by all relevant stakeholders (who, what, when, where, how)
6. **Indicators:** percentage of the multimorbid patients included in the integrated care pathway

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Implementation strategy proposal

DURING IMPLEMENTATION (M13-M30)
Specify and describe steps in the process of translating research into practice.

- Execution of implementation process
- Document observations
- Analysis and interpretation of results

Collaborative methodology
PDSA cycles

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Collaborative methodology: PDSA cycles

Refine the changes based on learning and determine the modifications
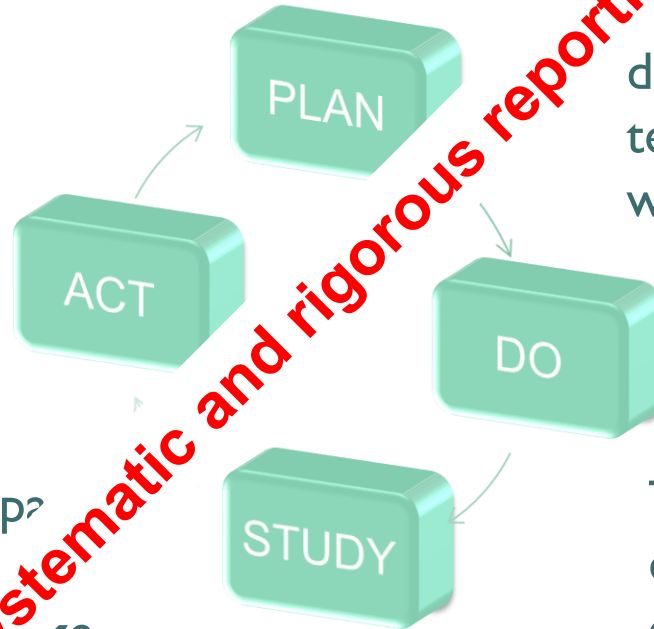
Plan the actions and develop a framework to test the change (who, what, when, where)

ACT

PLAN

DO

STUDY

Analyze the results, compare the data obtained to predictions and summarize what has been learned

Test the action and document any problem or unexpected observation.

Systematic and rigorous reporting

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Example of PLAN phase

Which change is going to be implemented?	Develop, validate and deploy an integrated sustainable pathway for patients with multiple comorbidities centred on the patients for all organisations (who, what, where, when and how).
When is it going to be implemented?	Early 2017
Where is it going to be implemented?	In all Integrated Care Organizations of the Basque Country.
How long will it take to implement the change?	12 months
What resources are needed for implementation?	Managers, internists, hospital nurses, GPs, GP practice nurses of all organizations.
What is the expected outcome? Change aims	Define the minimum requirements and characteristics which must be included in the integrated pathway of multimorbid patients to be implemented by all organisations without renouncing their singularities.

Example of DO phase

Where the changes implemented?	The corporative integrated pathway for multimorbid patients has been developed and deployed in all organisations. The core pathway has been adapted to the context of each organization.
Was the implementation done according to the scheduled time?	The implementation started in January 2017 as planned.
Was the implementation area respected?	All the organization implementing the pathway have been actively involved.
How long did the change take to implement?	15 months, longer than expected. Reaching consensus among different organizations took more time than planned.
Were the resources implemented accordingly with need?	Managers, internists, hospital nurses, GPs, GP practice nurses of all organizations were involved in the pathway definition.
Were the objectives of the changes respected?	The minimum requirements and characteristics that must be included in the integrated pathway for patients with multiple comorbidities have been defined.

Implementation strategy proposal

POST-IMPLEMENTATION (M30-M36)
Specify, evaluate and report aspects of the implementation that could determine implementation success.

- Impact: intervention specific outcomes
- Implementation success: CFIR framework
- Reporting implemention studies: SQUIRE 2.0/StaRI

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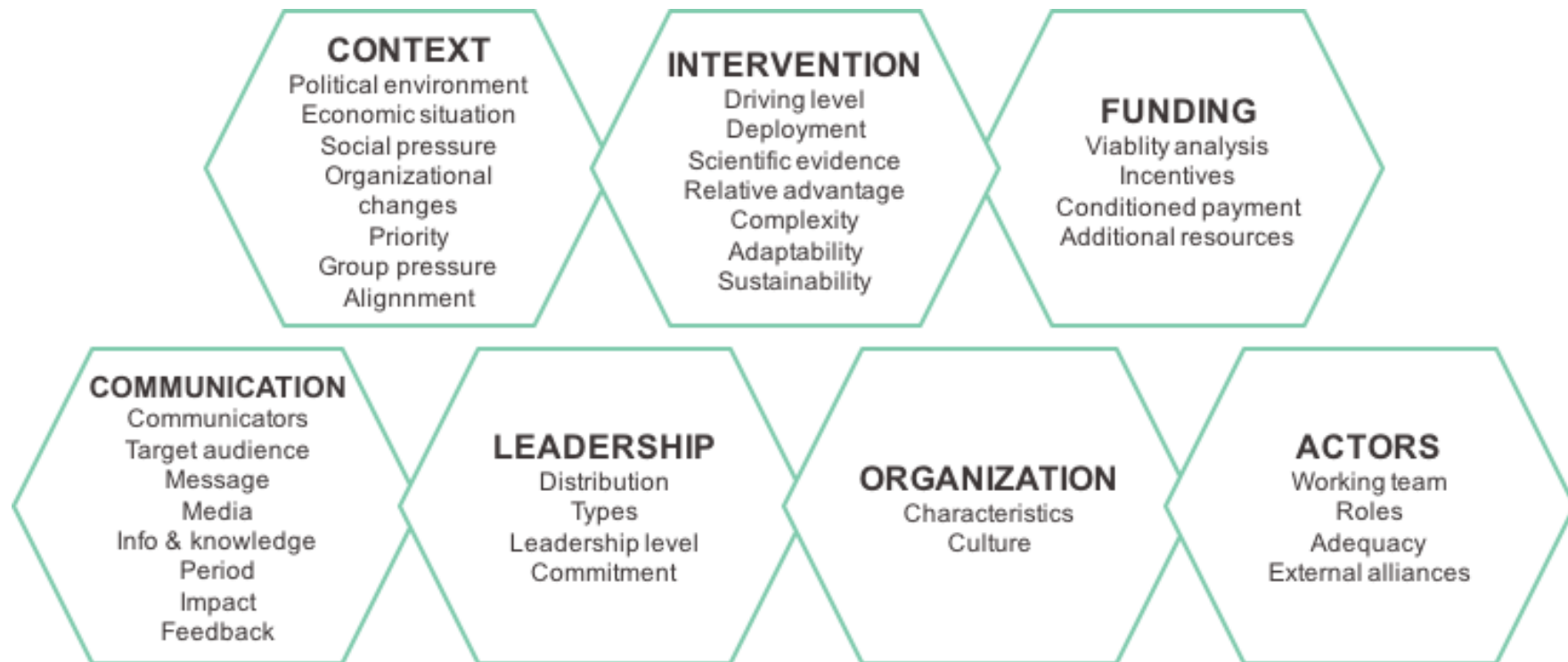IMPLEMENTING GOOD PRACTICES FOR CHRONIC DISEASES

CFIR. Consolidated framework for implementation research

CFIR specifies a list of constructs within general domains that are believed to influence (positively or negatively) implementation.

- 37 constructs across five domains

  1. Intervention characteristics
  2. Outer settings
  3. Inner settings
  4. Characteristics of individuals
  5. Process

- To assess potential barriers and facilitators in preparation for implementing an innovation
- Can be applied at any phases of the implementation
- Easily customized to diverse settings and scenarios

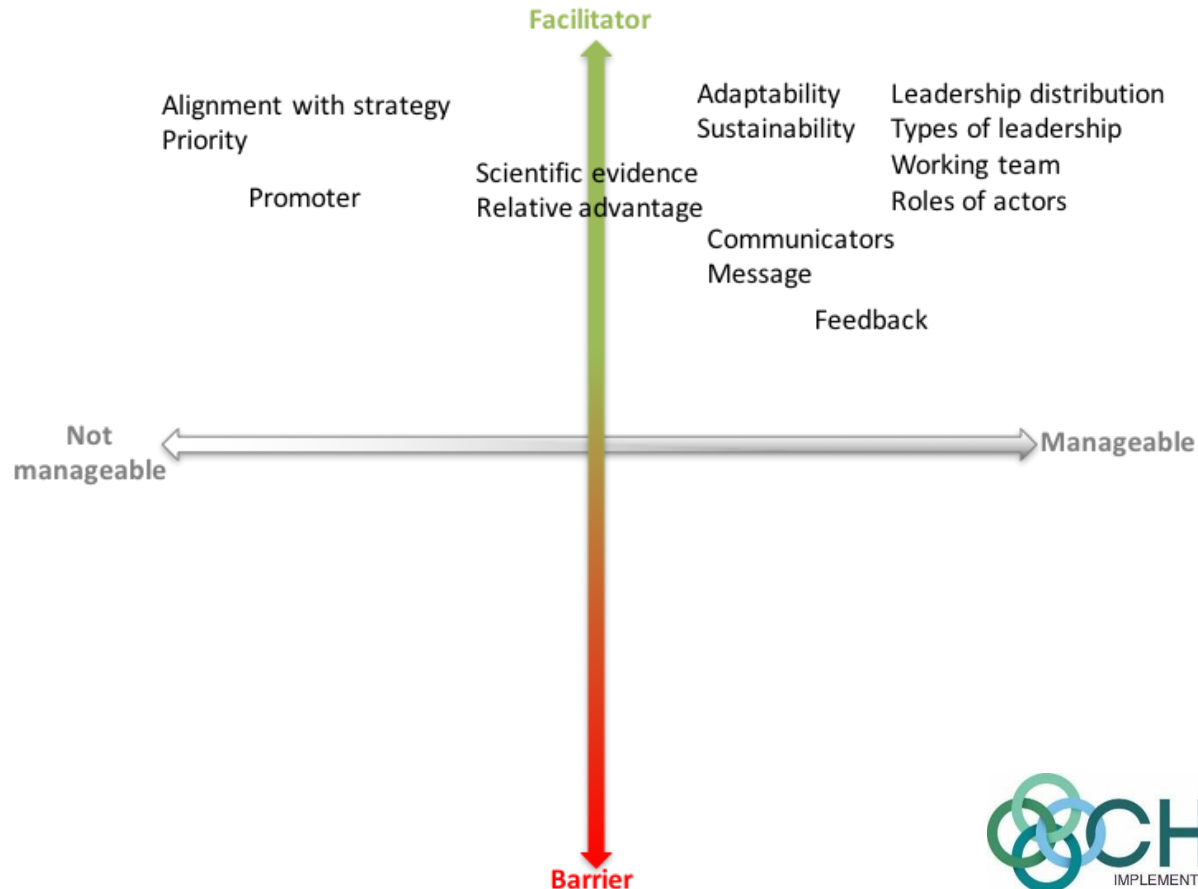# CFIR. Consolidated framework for implementation research

CONTEXT
Political environment
Economic situation
Social pressure
Organizational
changes
Priority
Group pressure
Alignnment

INTERVENTION
Driving level
Deployment
Scientific evidence
Relative advantage
Complexity
Adaptability
Sustainability

FUNDING
Viablity analysis
Incentives
Conditioned payment
Additional resources

COMMUNICATION
Communicators
Target audience
Message
Media
Info & knowledge
Period
Impact
Feedback

LEADERSHIP
Distribution
Types
Leadership level
Commitment

ORGANIZATION
Characteristics
Culture

ACTORS
Working team
Roles
Adequacy
External alliances

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Example of factors influencing the implementation

14 semi-structured interviews to stakeholders involved in the implementation process

1
Context: alignment
Context: priority
Intervention : evidence
Leadership : distribution
Actors: working team

2
Context: social pressure
Intervention : advantage
Communication : message
Communication : feedback
Actors: roles

3
Intervention: adaptability
Intervention : sustainability
Communication: comunicadores
Leadership: types

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Example of factors influencing the implementation

SQUIRE 2.0

- Provide a framework for reporting new knowledge about how to improve healthcare.
- Intended for reports that describe system level work to improve the quality, safety, and value of healthcare
- Used to establish that observed outcomes were due to the interventions.

18 items

Why did you start?
What did you do?
What did you find?
What does it mean?

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StaRI Checklist. Standards for Reporting Implementation Studies

- Guidelines for transparent and accurate reporting of implementation studies.
- It prompts researchers to describe both the implementation strategy (techniques used to promote implementation) and the effectiveness of the intervention that has being implemented.
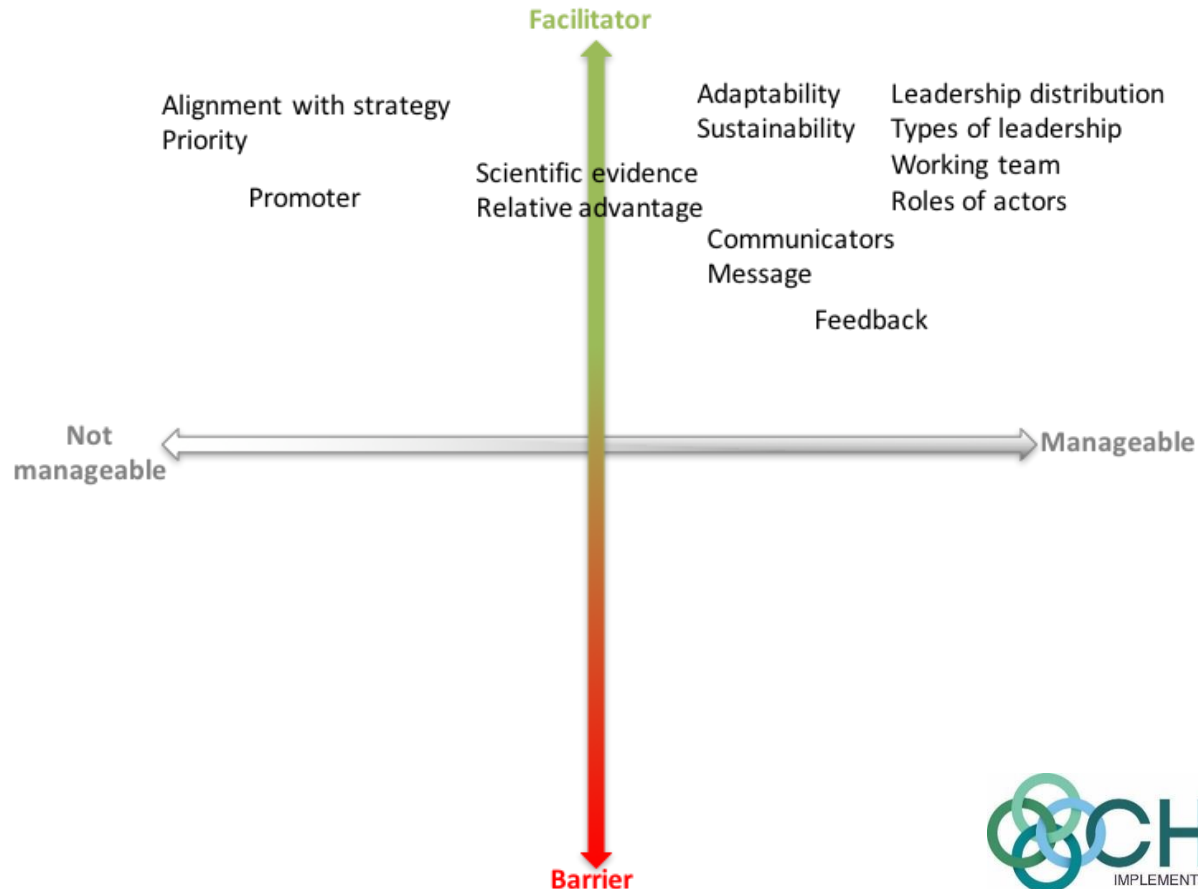
3 main components:

- – Hypothesis: how the implementation strategy is expected to work and how the intervention is expected to improve healthcare
- – Balance between fidelity and adaptation
- – Rich description of the context enables comparing situations and possibilities of transferability.
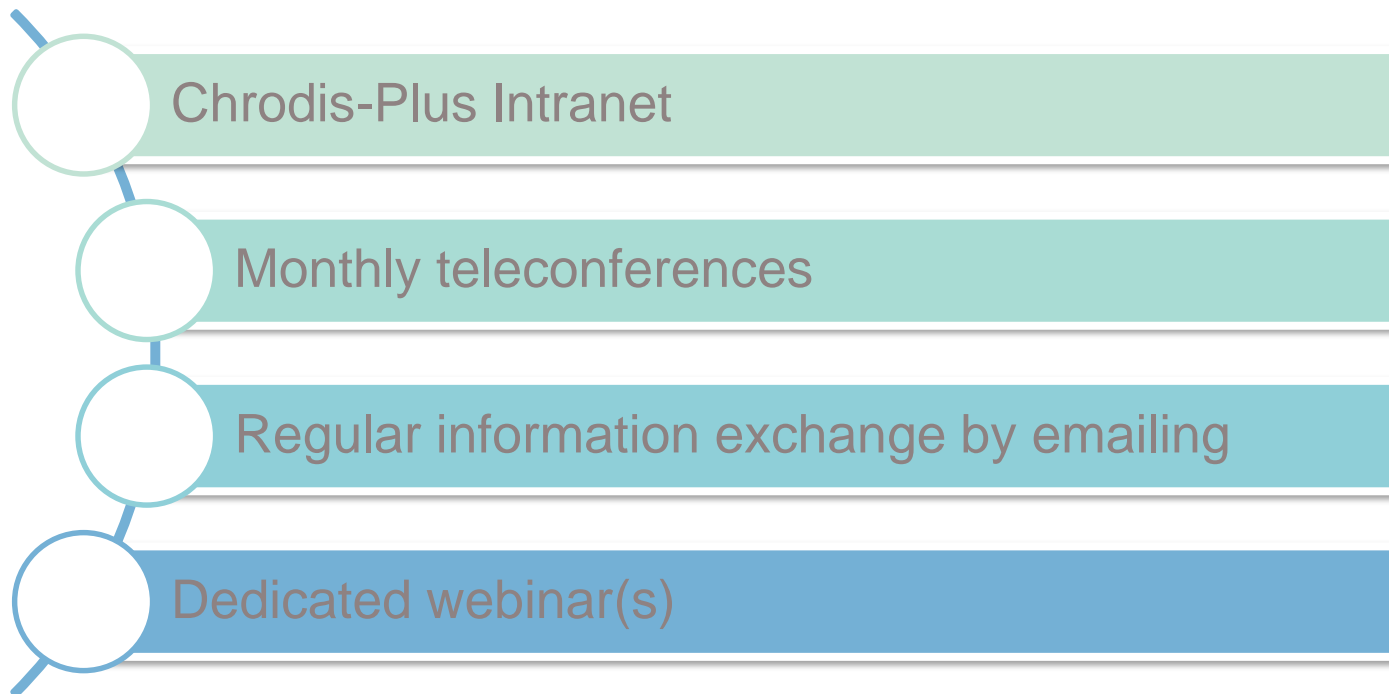
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Example of factors influencing the implementation

Communication and support activities

Chrodis-Plus Intranet

Monthly teleconferences

Regular information exchange by emailing
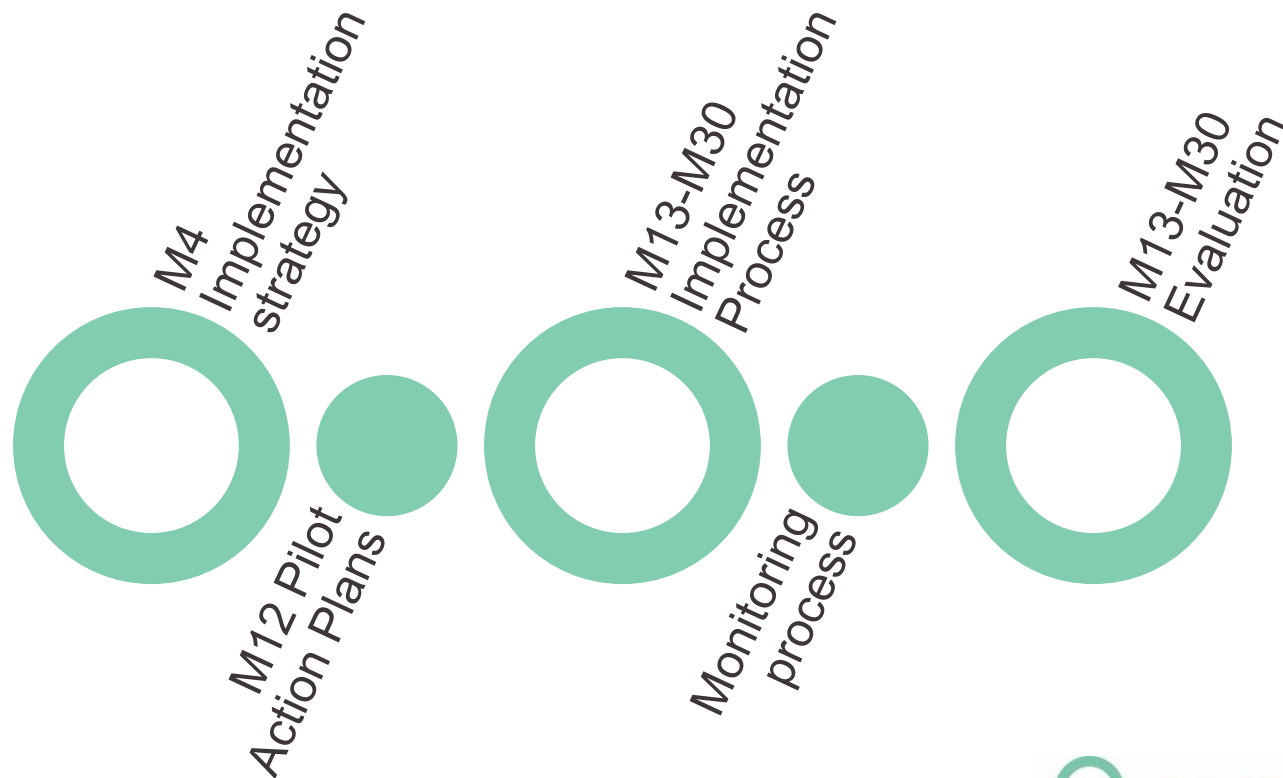
Dedicated webinar(s)

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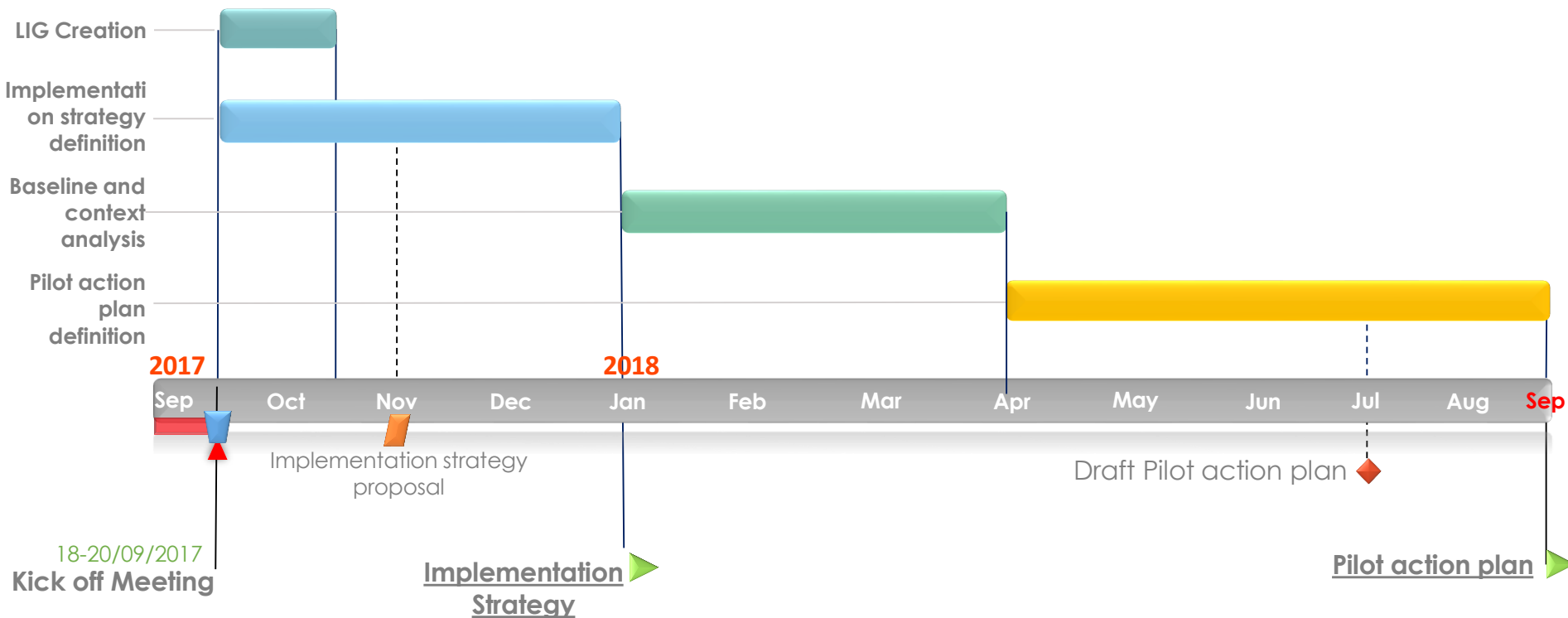IMPLEMENTING GOOD PRACTICES FOR CHRONIC DISEASES

Future steps

1. Define the final implementation strategy (M1-M4):

    – Agreed with partners in WP5, WP6 and WP7

    – Aligned with the evaluation framework of WP3

    – Ensuring appropriateness, applicability and feasibility

2. Implementation process:

    – Preparatory phase (M4-M12)

    – Execution, monitoring and data collection (M13-M30)

    – Evaluation of both intervention and implementation process outcomes (M30-M36)

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Timeline

M4 Implementation strategy

M12 Pilot Action Plans

M13-M30 Implementation Process

Monitoring process

M13-M30 Evaluation

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Timeline for the preparatory phase (M1-M12)

LIG Creation

Implementation strategy definition

Baseline and context analysis

Pilot action plan definition

2017
2018

Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep

Implementation strategy proposal

Draft Pilot action plan

18-20/09/2017
Kick off Meeting

Implementation Strategy

Pilot action plan

WWW.CHRODIS.EU

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