National Deployment Plan of
Iran

Measuring access to assistive technology using the rapid Assistive Technology Assessment

Background

❑What is assistive technology?

❑Nearly one billion people (15% of the world population) have a disability.

❑In Iran, there are more than 11 million disabled persons

❑By 2030, more than 25% of people will need at least one assistive product (WHO estimates)
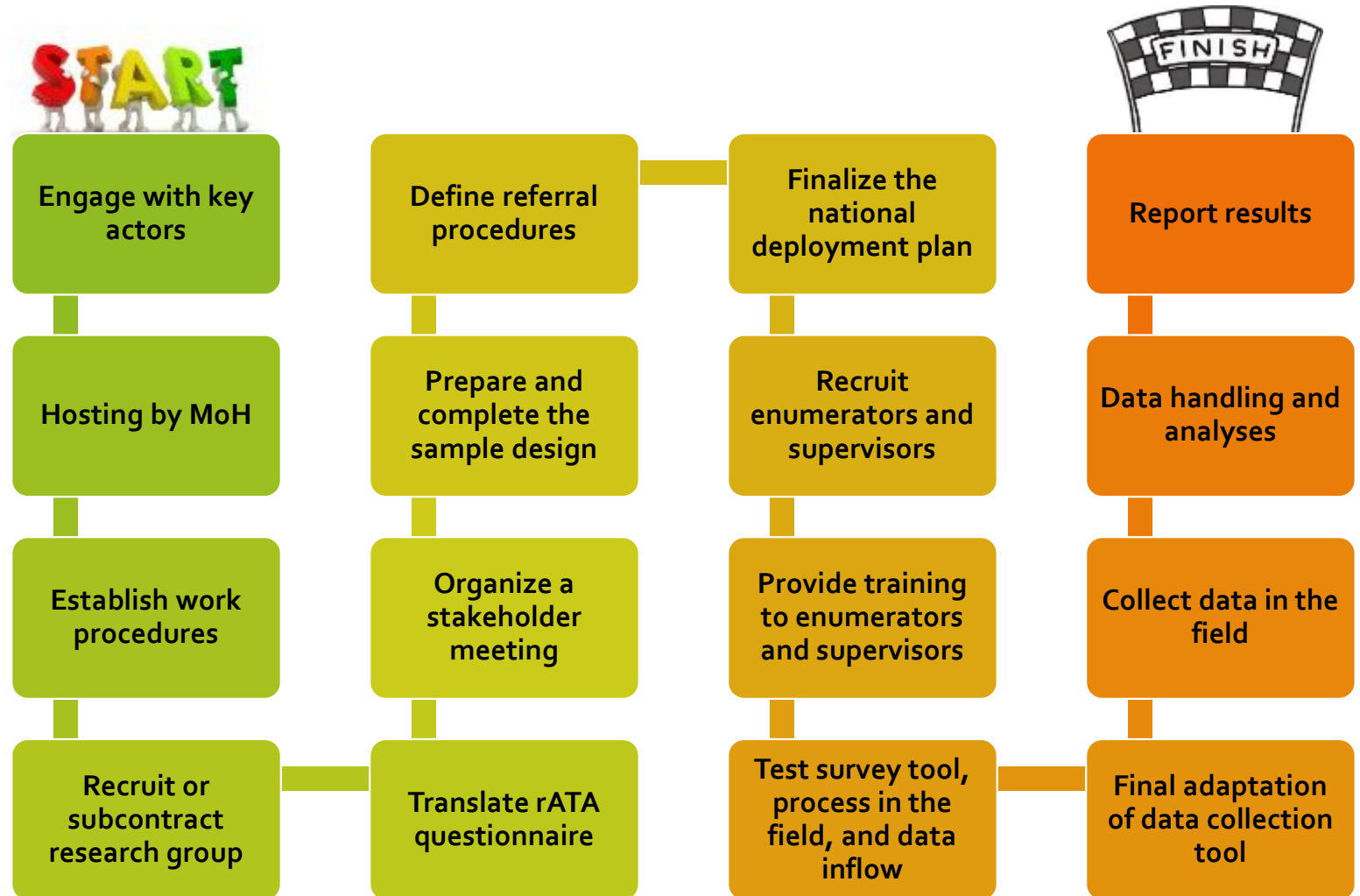
Our proposal intends to

1. To estimate the **need** for assistive technology at national and provincial levels in Iran;

2. To estimate the **utilization** of assistive technology at national and provincial levels;

3. To evaluate the **access** to assistive technology at national and provincial levels.

Methodology in Brief

START

Engage with key actors

Hosting by MoH

Establish work procedures

Recruit or subcontract research group

Define referral procedures

Prepare and complete the sample design

Organize a stakeholder meeting

Translate rATA questionnaire

Finalize the national deployment plan

Recruit enumerators and supervisors

Provide training to enumerators and supervisors

Test survey tool, process in the field, and data inflow

FINISH

Report results

Data handling and analyses

Collect data in the field

Final adaptation of data collection tool

structure

Engaging key actors/stakeholders

The Ministry of Health, WHO country and regional offices

Establish work procedures:

A steering committee, a reference group, project team, expert opinions, and a secretariat

Identified Stakeholders
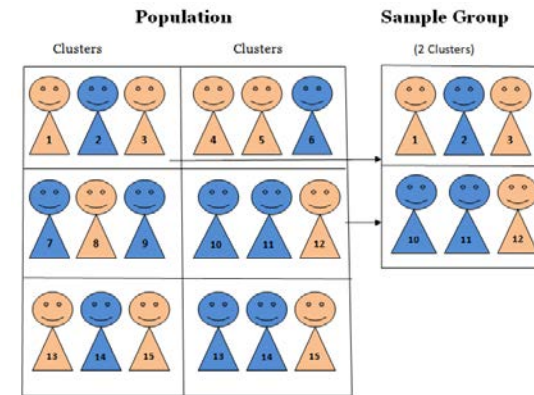
Representatives of :

1. Deputy Minister for Research, MoH;

2. Deputy Minister for Treatment, MoH;

3. Deputy Minister for Health, MoH;

4. Medical Equipment Office, MoH;

5. People with disabilities NGOs;

6. Vice-Chancellor for Rehabilitation from the state welfare organization;

7. Iranian Red Crescent Society;

8. Members of Parliament.

Study Population and Sampling

Multistage stratified cluster random

83,000,000 inhabitants in Iran with 31 provinces; Considering 31 provinces and 22 cluster in each province we will select 682 clusters and totally 5456 household and near to 16500 participants from all the provinces
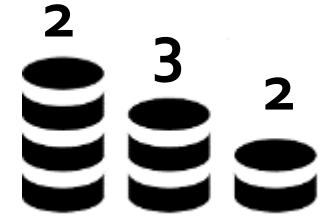
Sampling

Sampling

31 provinces and 434 counties

Selecting 2 counties randomly in each province

Selecting 11 clusters in each country

Selecting two counties

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Translation process

Forward translation → Backward translation → Expert committee approval → Face validity

Recruiting the subcontractor by bidding procedure

Advertise on the UN Iran website

Compare technical and financial proposals

Choose a qualified subcontractor and make contract

Hiring enumerators is one of the obligations of the subcontractor

National Training Workshops

The main content will be based on the educational manuals and presentations of the master training workshop, which are modified according to the conditions of Iran.

Face-to-face training in Tehran

Distance training in other provinces

All educational material will be shared via WhatsApp group before holding the sessions

2-3 sessions will be held through Adobe Connect platform.

Two to three days after the training, the enumerators will complete at least three household survey

Share the ambiguities and questions and after clarifying all concerns, they can start the survey officially.

Pilot phase and Tool testing

The main goal of pilot phase are:

❑ make enumerators familiar to the questionnaires and different scenarios may they face

❑ Make enumerators familiar with data gathering protocol

❑ Applying defined strategy for selecting clusters and how to choose households

❑ How to communicate with the household and persuade them to participate in the survey- providing a brief, informing, and influential introduction

❑ Estimate data collection time for each household (4 persons in each household) for main phase planning

❑ Ensuring questions are clear without any misunderstanding

After Pilot Testing

❑ Holding a focused group discussion session with the presence of enumerators and research team to investigate the executive challenges (working with the application, charging the phone and the need for power bank), ambiguities, misunderstandings, etc.

❑ Revise the data gathering protocol

❑ Finalize the translation of the tool

Main Considerations

❑ Presenting a small gift to appreciate family participation in the Survey (Due to COVID pandemic providing PPE could be appropriate (Masks and Disinfectant)

❑ Accident insurance coverage and COVID-19 health insurance for all enumerators

❑ Providing negative COVID test for enumerators is mandatory

Thanks for your Attention