

Aga Khan Agency for Habitat

*an agency of the
Aga Khan Development Network
www.akdn.org*

The Aga Khan Agency for Habitat

Habitat Planning— **Planning for Safety to Planning for Opportunity**

Kira Intrator – Lead, Habitat Planning and Innovation.
January 2020, World Bank. Washington, DC



I. Org Overview

II. Method

Why, How.

III. Implementation

Where, What, How

IV. Next Steps.

Vision.



Ishkashim, Afghanistan. Village Elder. Explaining AKAH's activities and Pamiri Architecture.
November 2017. Inrator



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November 2017. Intractor



AKDN. Network Overview

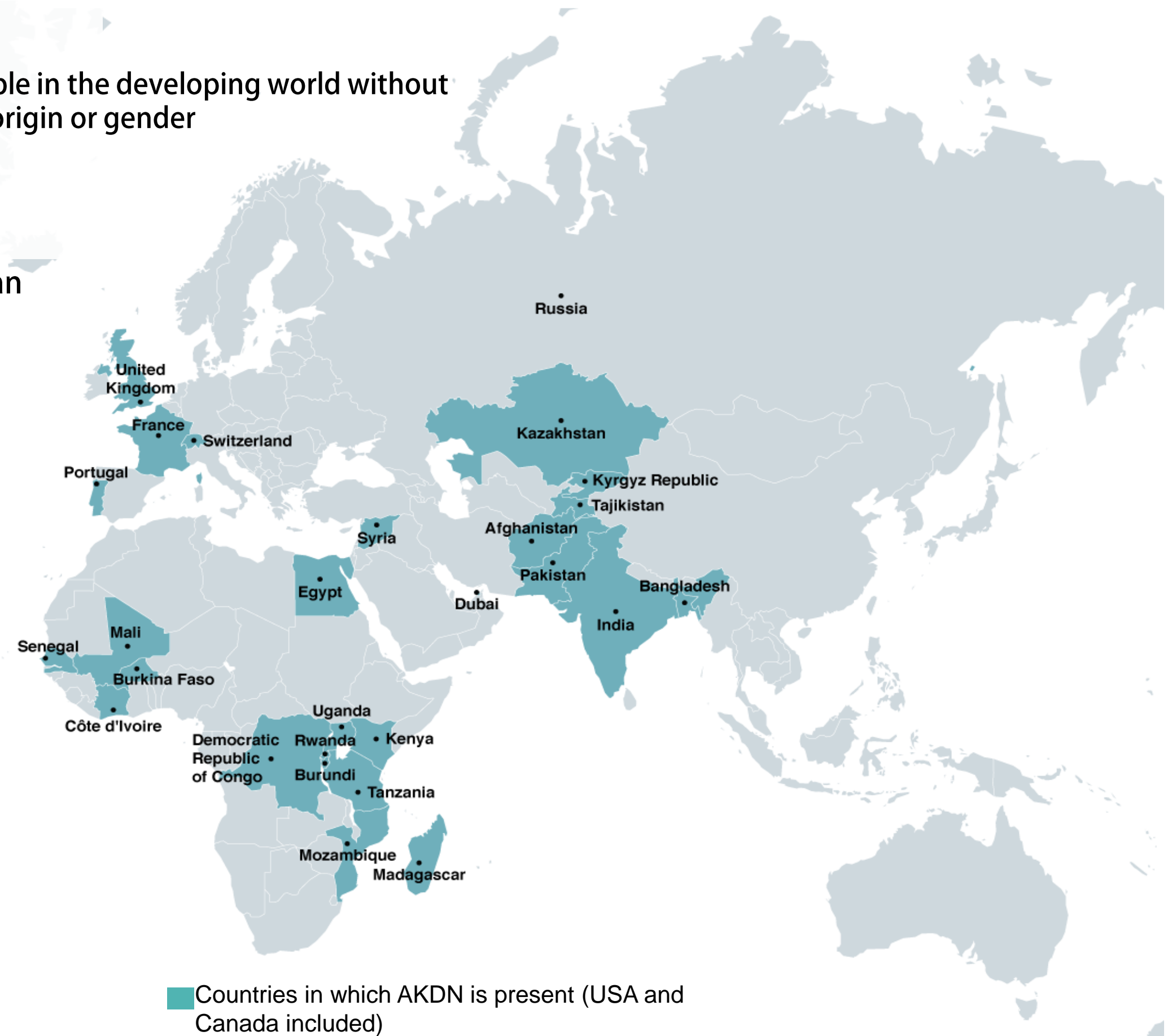
Improving the quality of life for people in the developing world without regard to faith, origin or gender

Background

- **Founded by His Highness the Aga Khan** more than 50 years ago
- **Largest private international network** of its kind
- **Inclusive** and non-denominational
- **Strong ethical underpinnings:** pluralism; dignity of self-respect
- **Creates sustainable institutions**
- **Community ownership** and empowerment
- Focused on improving the **quality of life**

Numbers

- **1000+** projects/programmes
- **74** non-profit and **76** commercial entities
- **30+**: countries in which AKDN is present



AKDN. 11 Agencies. 3 Areas. 1 Network



AGA KHAN DEVELOPMENT NETWORK

Economic Development

Social Development

Culture



Aviation
Financial Services
Industry
Media
Tourism



Aga Khan Agency for Microfinance



Aga Khan Foundation



Aga Khan University



University of Central Asia



Aga Khan Trust for Culture



Aga Khan Education Services



Aga Khan Academies



Aga Khan Health Services



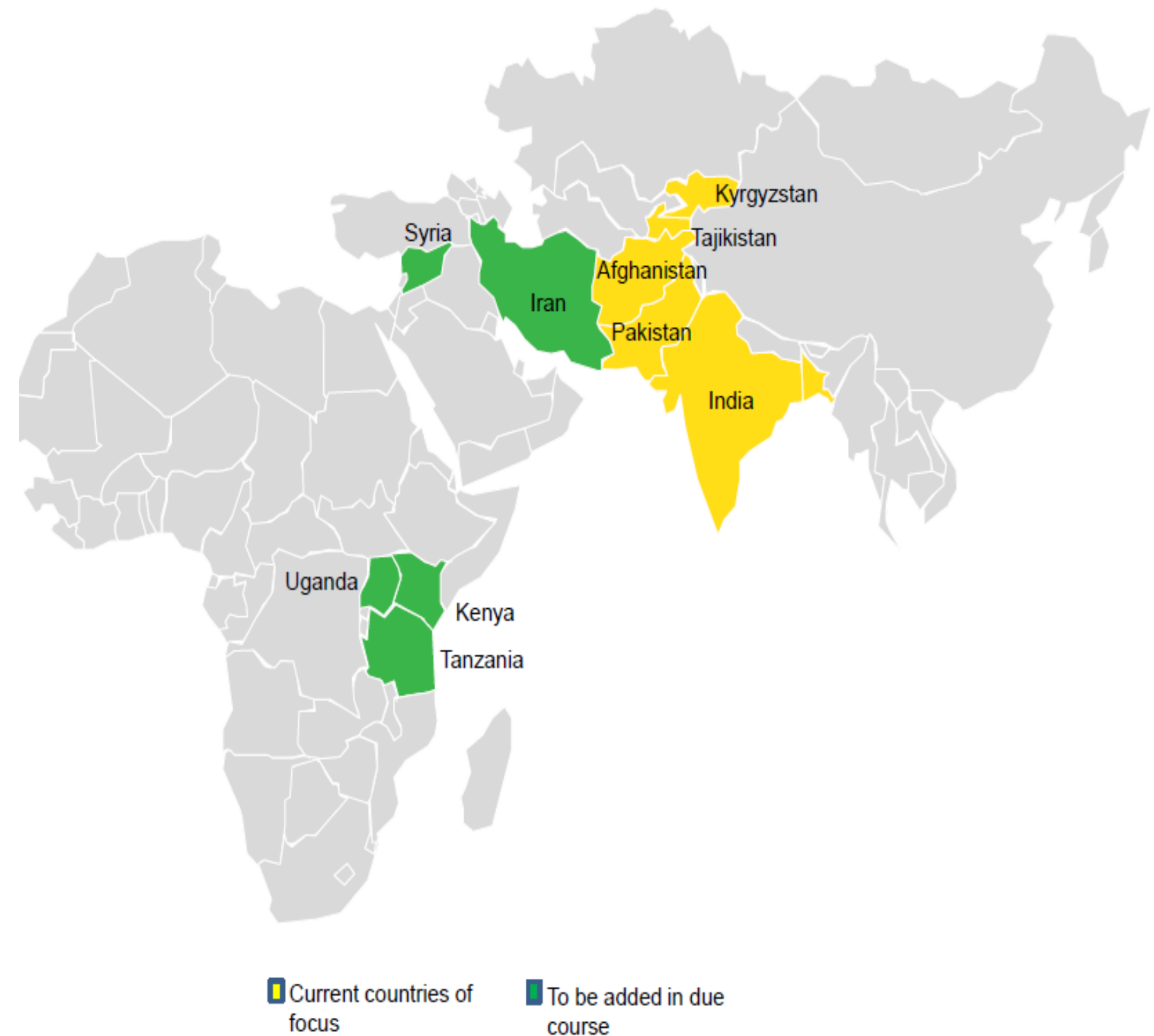
Aga Khan Agency for Habitat



AKAH. Org Overview

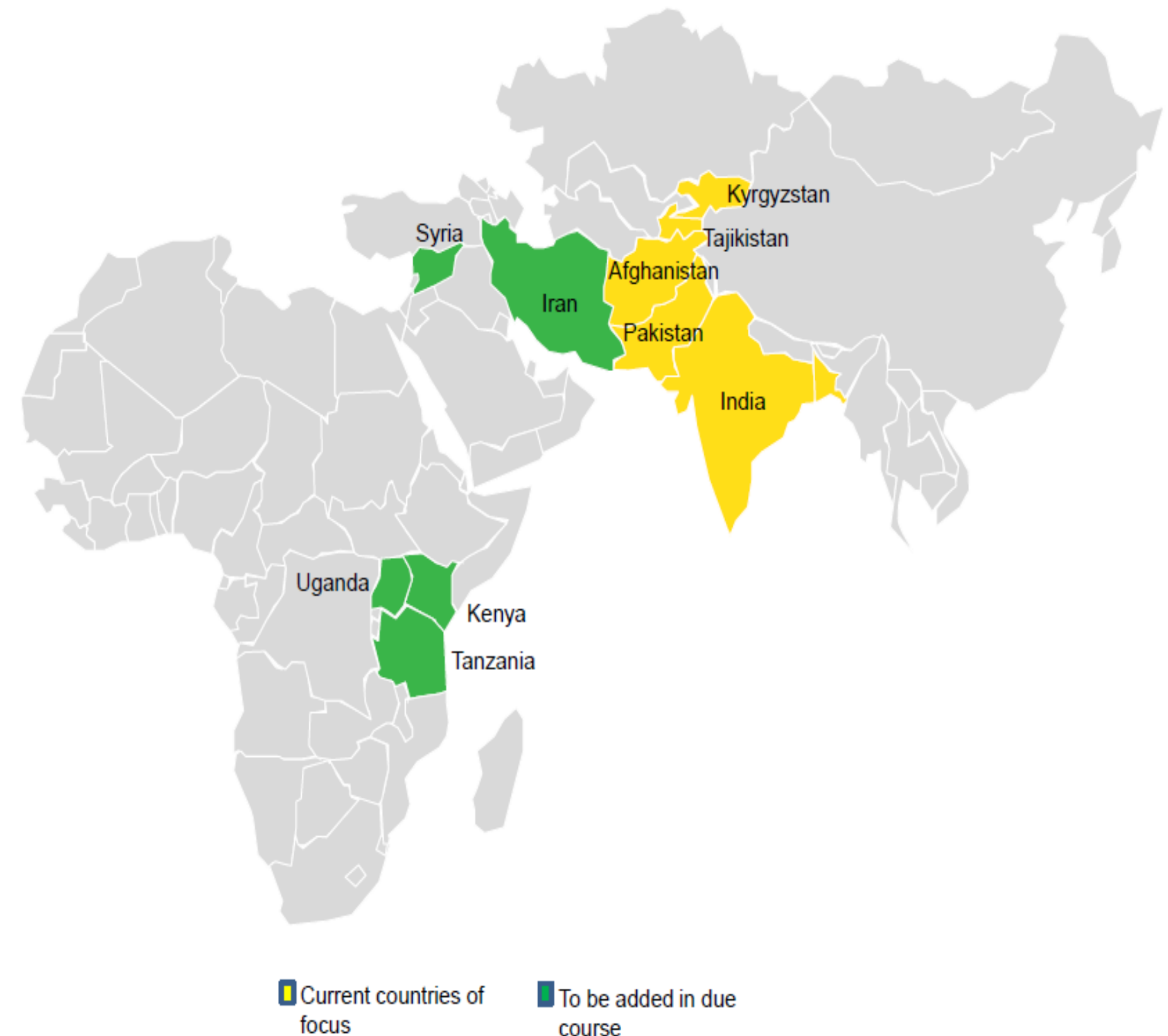
The agency's mandate is:

- To ensure that communities live in physical settings that are as safe as possible from the effects of natural disasters; *Safety*
- To ensure that communities are able to cope with disaster events in terms of preparedness and response; *Resilience*
- To ensure that these settings are conducive to developing economic opportunities and access to social and financial services; *Service Delivery; Opportunity*



AKAH. Org Overview

- Built Water and Sanitation systems for **500,000+** Households
- Built over **50,000** family units
- Built over **5000** AKDN buildings and assets (e.g., hospitals, schools, community centers)
- Conducted over **2300** Hazard Vulnerability Risk Assessments
- Built hundreds of schools across AKAH regions



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AKAH. Mandate

“AKAH WAS ESTABLISHED TO DEVELOP A **HOLISTIC APPROACH** TO ALL ASPECTS THAT CONSTITUTE A SAFE AND SUSTAINABLE HABITAT IN WHICH COMMUNITIES, FAMILIES AND INDIVIDUALS CAN **THRIVE**”

AKAH Strategy
(2018-2022)



Organizationally, **Habitat Planning** answers AKAH's **mandate** and shifts the focus

from planning for **safety** to
planning for **opportunity**



WHY – did we create and implement Habitat Planning?

Effectiveness

- Shared Planning Principles
- Clarity of goals and long-term vision for land-use development
- Inter-agency and internal coordination through shared approach to methods, process and data

Efficiency

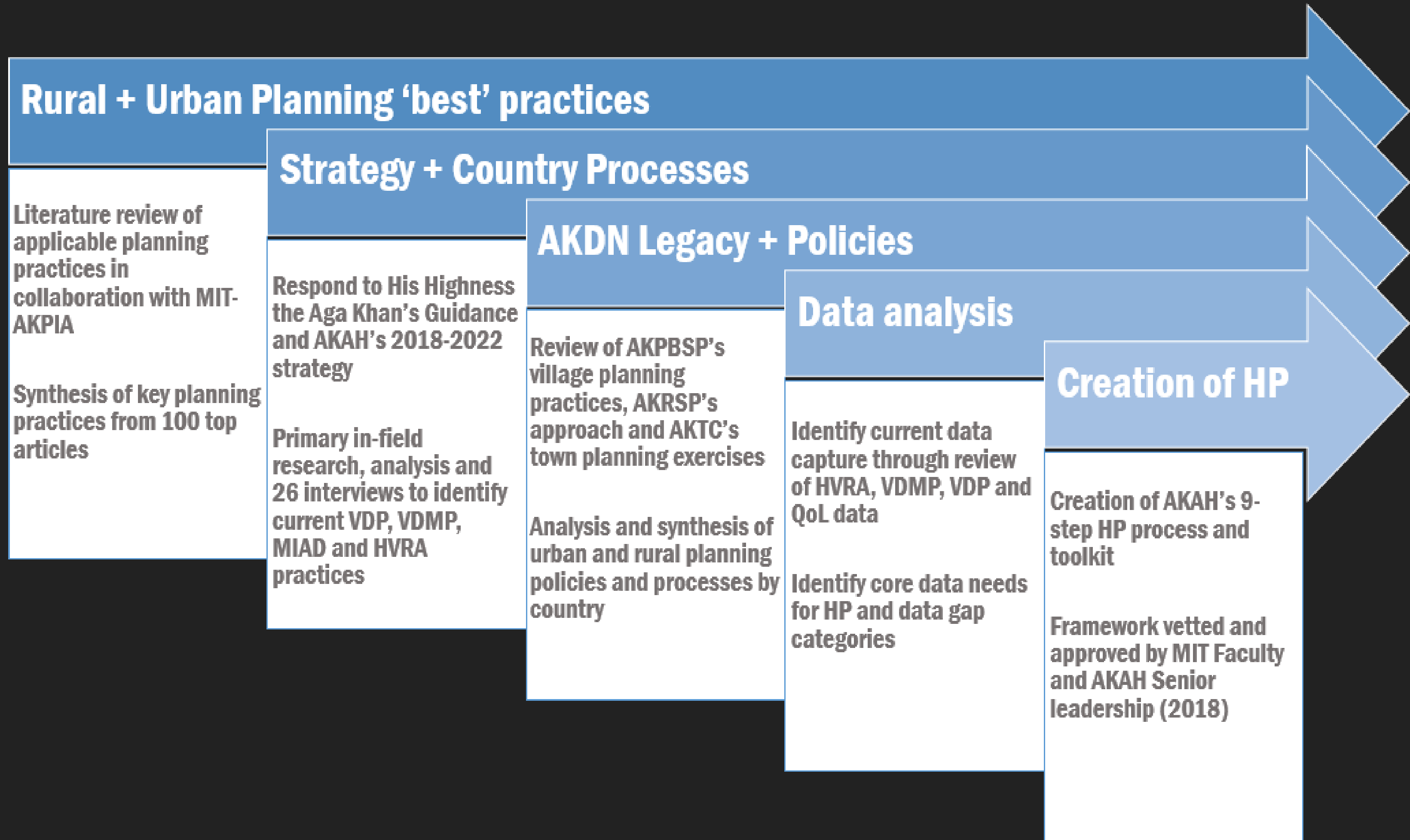
- Targeted capacity building and technical guidance
- Enhances ability to test, iterate and share knowledge in field
- Ease of internal communication, knowledge sharing and project tracking

Relevance

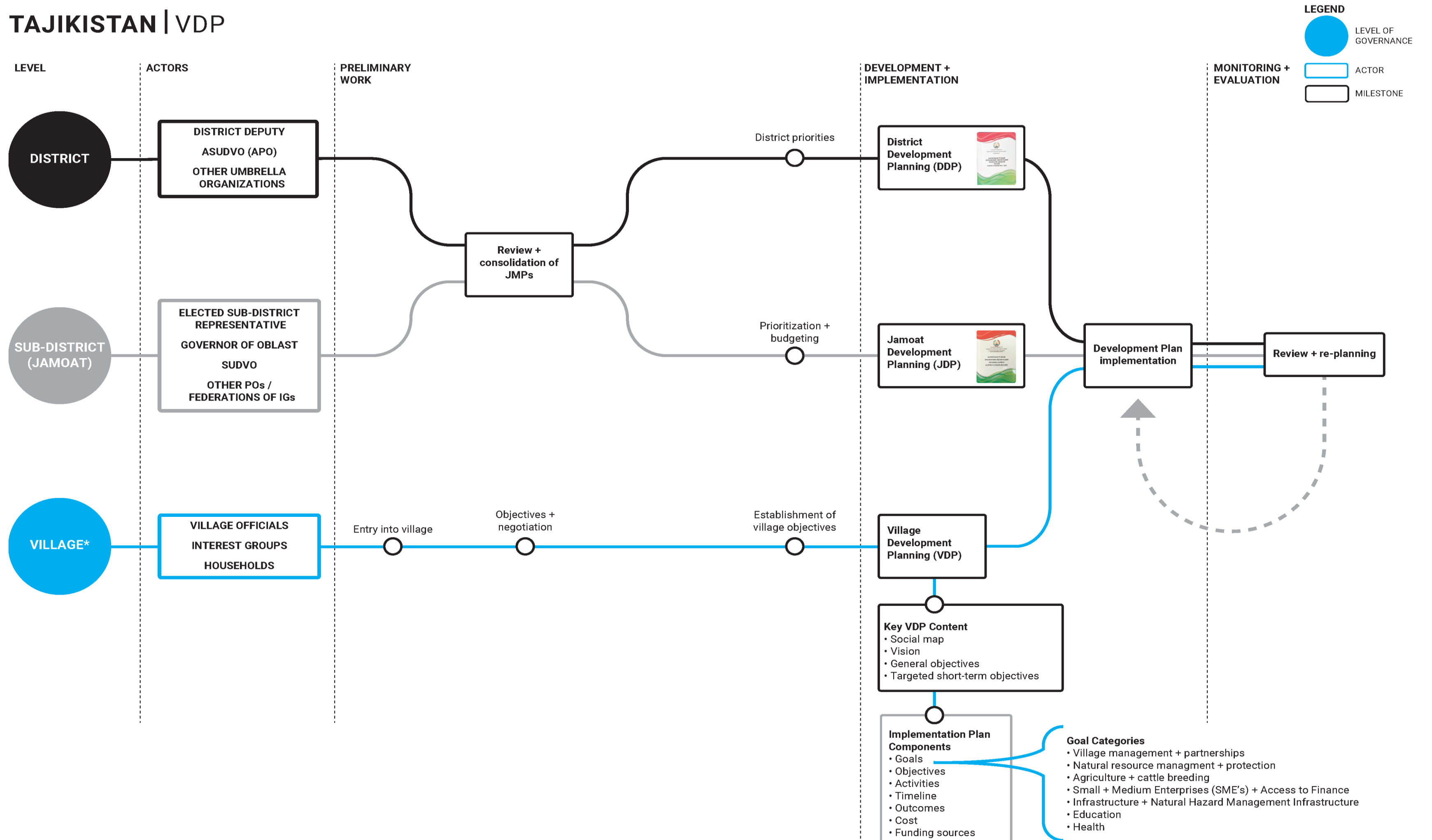
- *Alignment with external partners* to showcase methods and implementation with a unified voice
- *Application of ‘good’ practice* - Vetted by MIT Faculty. Based on critical literature reviews, primary research, synthesis of internal practices and government policies



HOW. Habitat Planning Framework Inputs



TAJIKISTAN | VDP

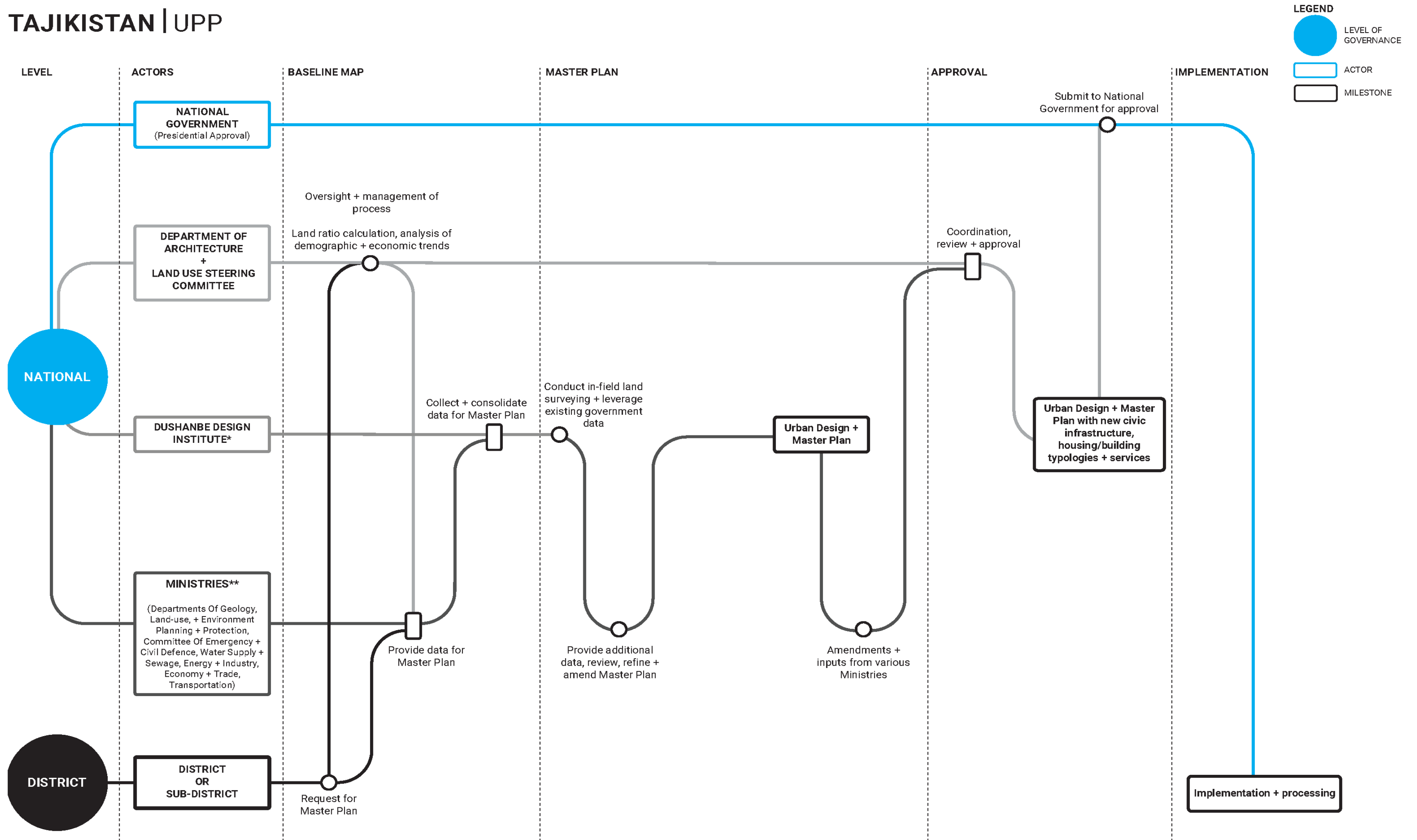


*In Pakistan and Tajikistan, the Village Organisations or Mahalla Committees (MCs) are stakeholders at the village-level. The Jamoat, District Government or Administration, the VOs, Local Support Organisations (LSOs), and Social Union for Development of Village Organisations (SUDVOs) are key stakeholders above the village level, involved in all planning exercises.

SOURCES
 Interview with Kishwar Abdulalishoev, General Manager, MSDSP, AKF Tajikistan Dushanbe (AKF). September, 2017.
 "MSDSP: Background, strategy, themes, achievements & future priorities", powerpoint presentation (2014)



TAJIKISTAN | UPP



* The institute/ firm or any other local or international agency/ firm which will develop a master plan must have a license from the government for doing this activity.
 **Ministry of Finance + Ministry of Economic Development and Trade enforce short and long-term strategies, programs, and forecasts of socio-economic development and disaster risk reduction programs.

SOURCES
 Interview with Dr. Abduvali Komilzoda, Head of Production of Building Materials, Technologies and Organisation of Construction. Construction and Architecture Faculty of the Tajik Technical University. Director General of Orien Ark Ltd. September 2017. Dushanbe. Republic of Tajikistan. National Development Strategy of the Republic of Tajikistan for the Period to 2030. Dushanbe. 2016.



WHAT. Habitat Planning Principles

Building on the legacy of the Aga Khan Rural Support Programme...

Planning Principle

Demand-driven participatory planning is central to AKAHs habitat planning process





Community Meeting, AKAH. Gilgit, Pakistan. October 2018. O. Ruhl

WHAT. Habitat Planning Principles

Planning Principle

AKAH works in close collaboration with national + government planning bodies

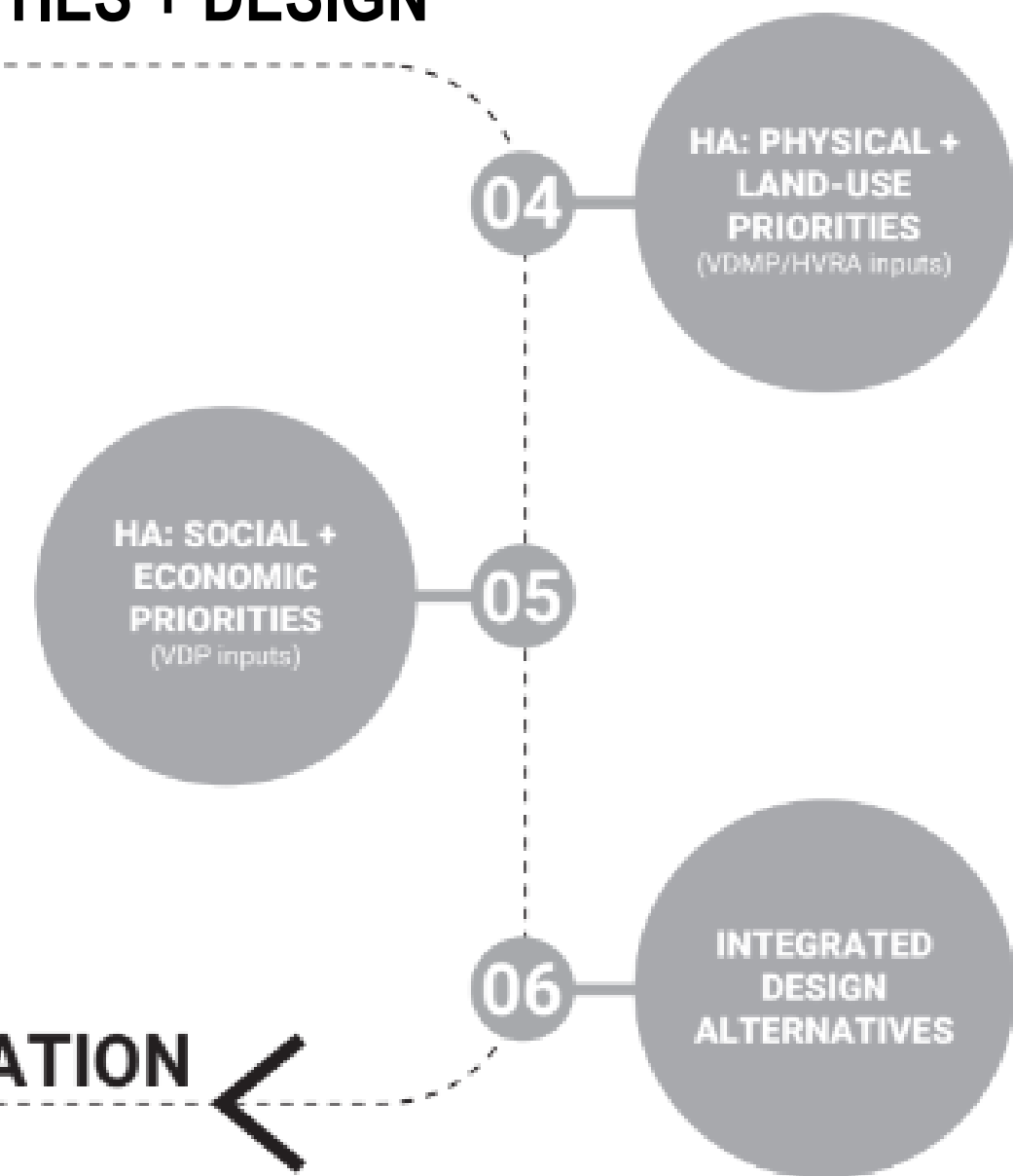


AKAH Habitat Planning Framework *Simplified Snapshot

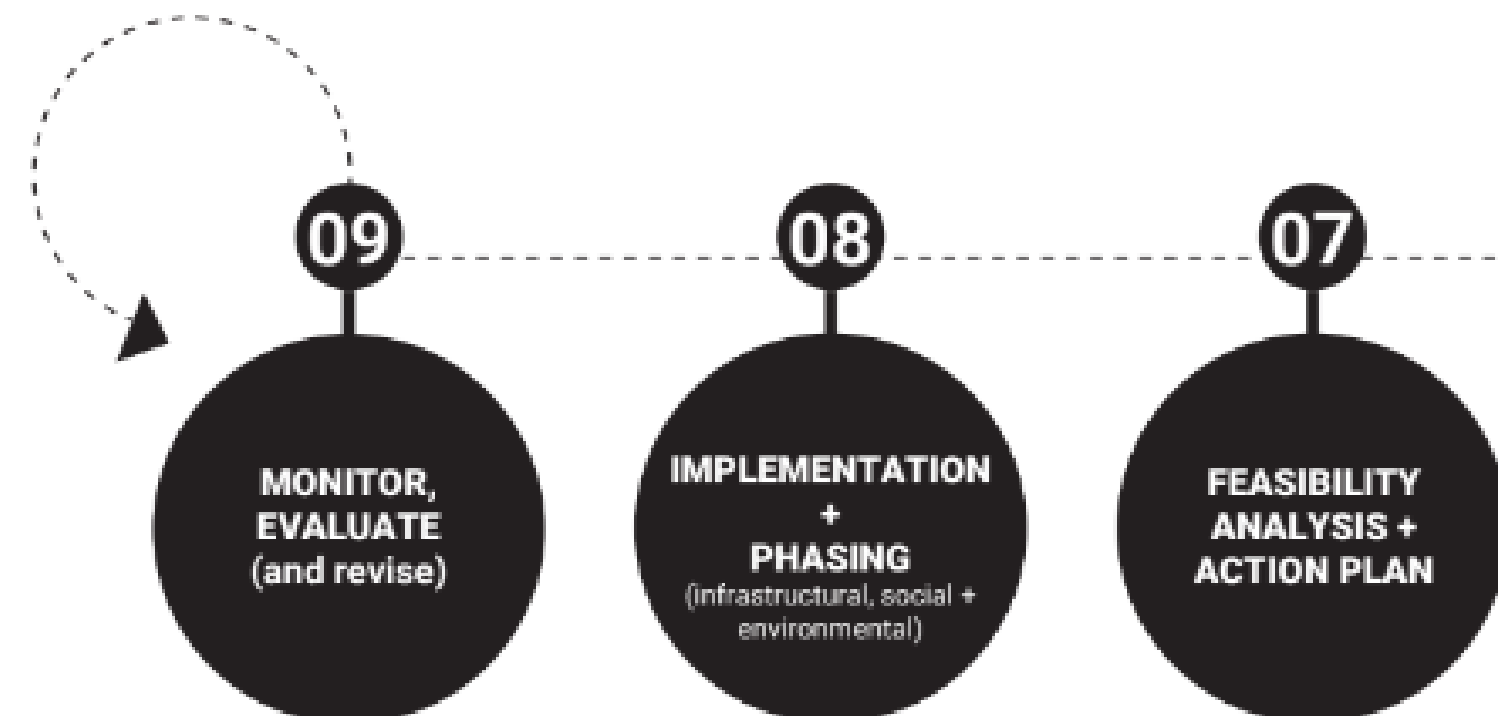
● PRE-PLANNING + VISION



PLANNING PRIORITIES + DESIGN



IMPLEMENTATION



| K. Intrator – Habitat Planning Framework 2.0 (2018)



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Video - Tajikistan

2 mins

CHITRAWAD – A TRANSFORMING VILLAGE

PARTICIPATORY HABITAT PLANNING

Chitrawad, Gujarat, India

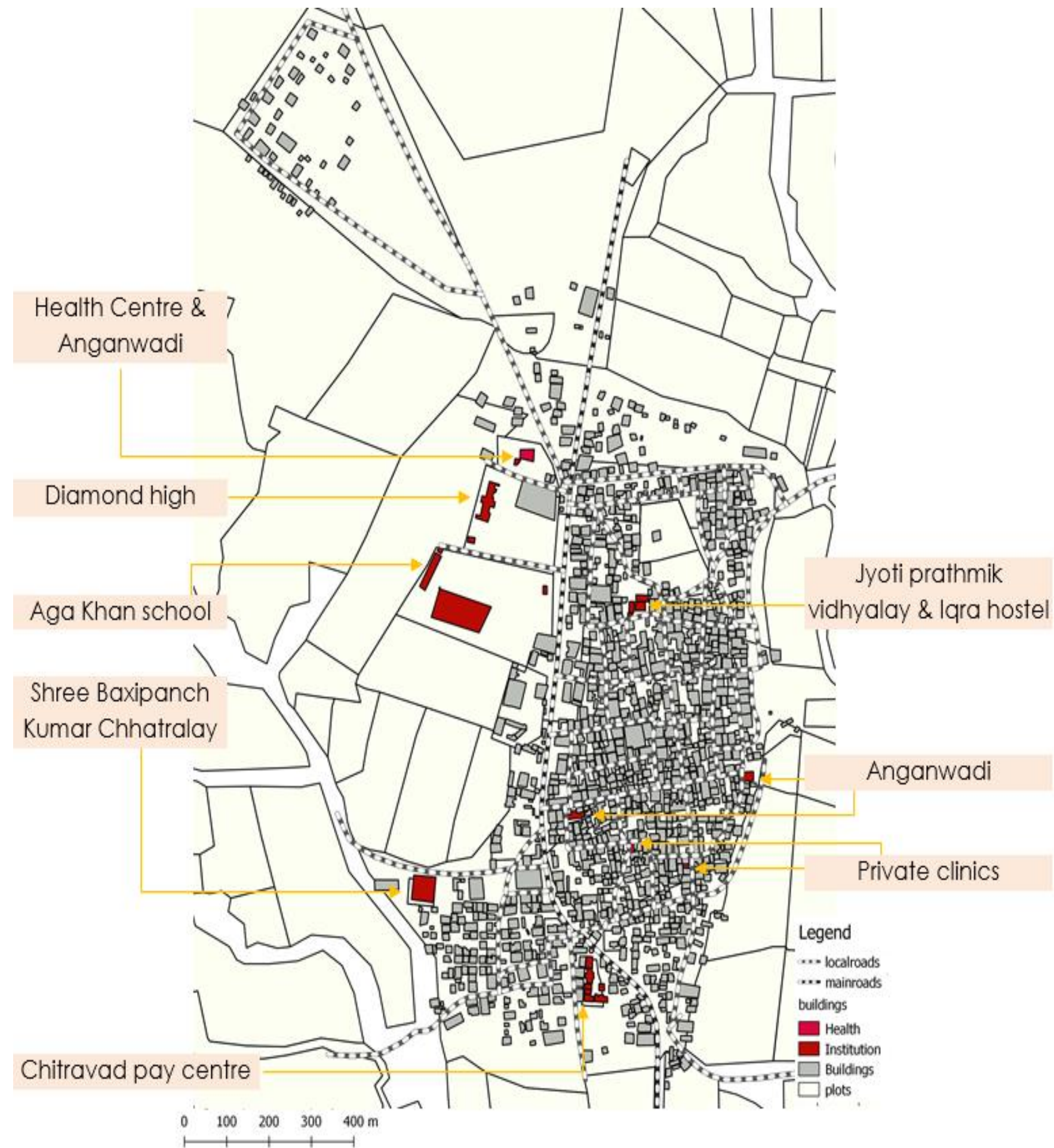


Large village located in Talala Taluka of Junagadh
Total population of 3954 individuals, **800 families***
Literacy rate of Chitrawad village is 75.57 %
Agriculture is the main occupation (40.7% agriculture laborers, 29.4 % cultivators)

* Source: Census of India 2011



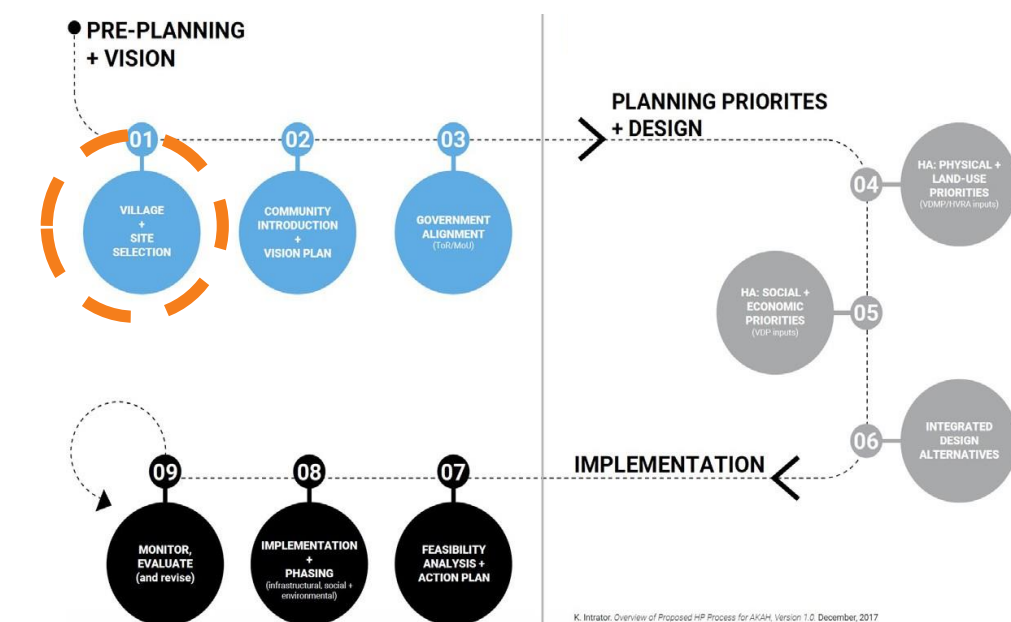
AKAH Habitat Planning. Scope Existing Site Conditions. (Chitrawad)



Facilities, Village of Chitrawad



Accessibility and Location of Chitrawad



K. Neelam. Overview of Proposed HP Process for AKAH. Version 1.0. December, 2017



AKAH Habitat Planning. Community Engagement + Vision (Chitrawad)



AKAH Habitat Planning. Community Engagement + Vision (Chitrawad)

COMPREHENSIVE VILLAGE PLANNING → CHITRAVAD VILLAGE

19/06/2018

FOCUS GROUP DISCUSSION

पर्यावरण | रोजी-रेरी | सुविधा | घर योजना एवं दूरदृष्टी

Water logging in front of Karim-Nagar

- Recreation Centre - for senior citizen.

- Provide dustbins. - & some sys.

- Markets have to be provided (production & sale within the village)

- small scale industries

- No money for making farm-house - planning needed by owner of the farm for proper working

- Management & marketing - before applying the other job opportunities.

- Waste dumping by sarpanch

- Plantation will lead to clean env. by group of houses near to dustbins provided (day by day)

- Segregate plastic waste - by villagers.

Don't use plastics - rules for shopkeepers - by Sarpanch.

- Provide small spaces like OTLA or ^{under} trees seating (as there in bus stop) - Area wise (benches, sarpanch chair)

→ should not be outside houses - will disturb residents.

→ chowks.



AKAH Habitat Planning. Community Vision + Planning Priorities

1. Reducing physical vulnerabilities due to flooding –

Mitigating flooding of low lying areas

2. Reducing social vulnerabilities through inclusion –

Creating social spaces for inclusion

3. Ensuring environmental sustainability –

Demonstrating alternatives waste water management and solid waste disposal for adoption at village level

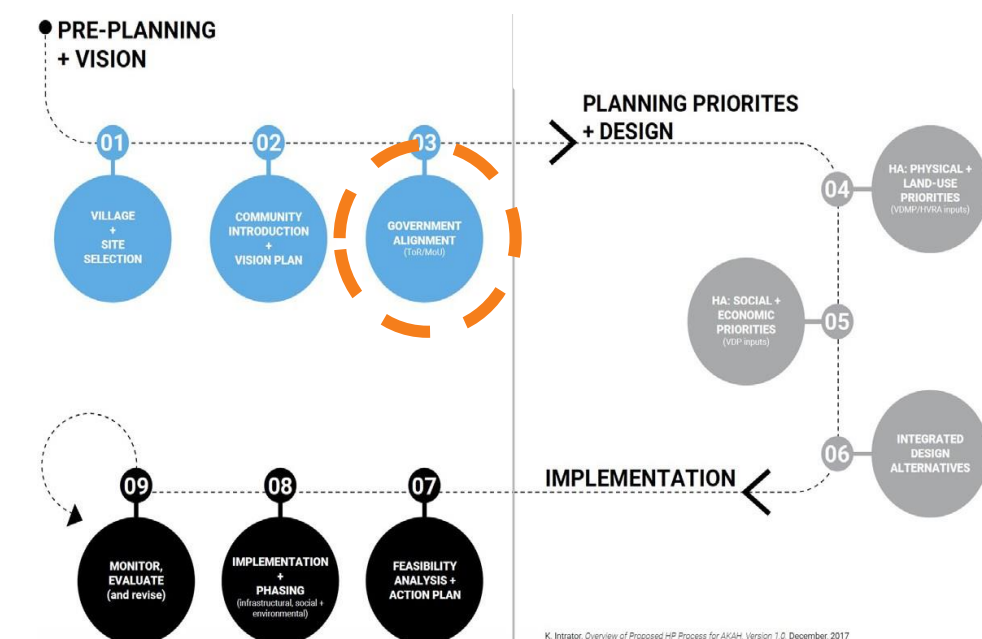
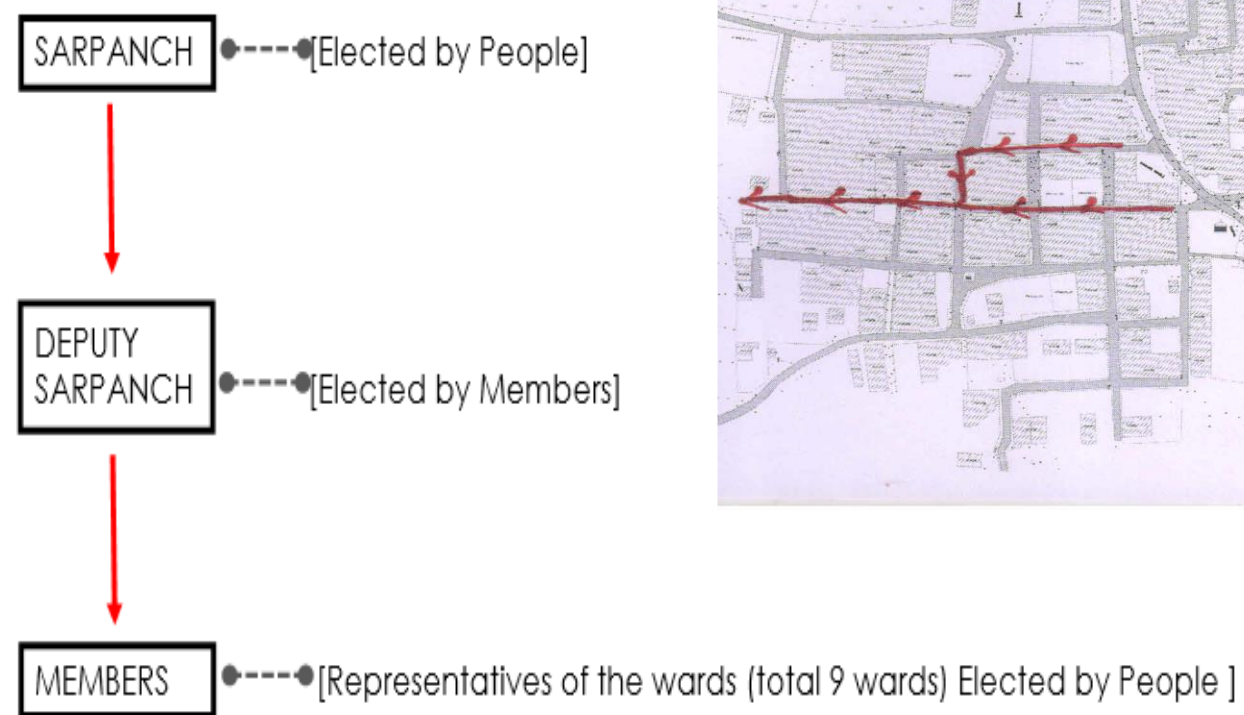


AKAH Habitat Planning. Government Alignment + Land Use



Culverts under construction by Public Works Department

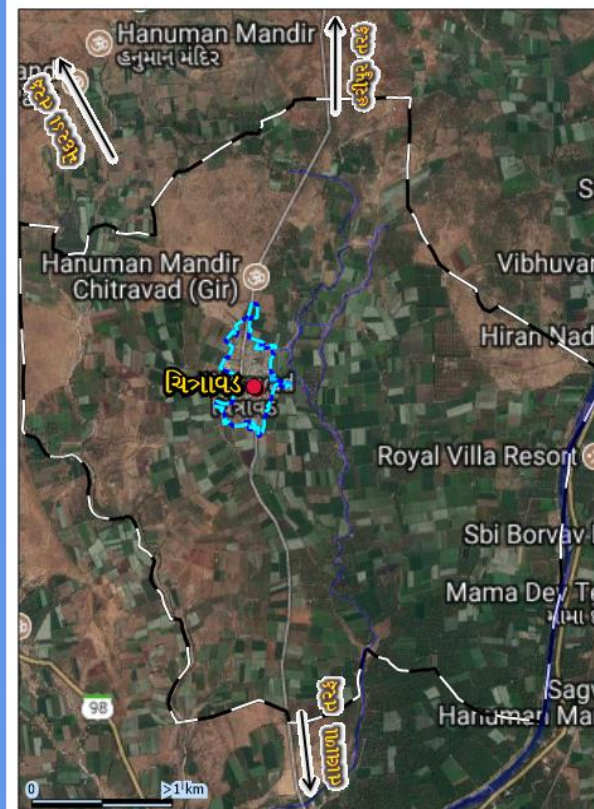
Governance Structure



AKAH Habitat Planning. Habitat Assessment: Socio-Spatial Mapping

800 families live in Chitrawad

- L4 કુંભારવાડો (૯૫)
- L5 તાલાળા રોડ (૨)
- L6 દાયમંડ સ્કુલ ની પાછળ (૧)
- L7 દાયમંડ સ્કુલ ની નજીક (૧)
- I2 કબ્રસ્તાન-અન્ય માહિતી
- I3 કરીમનગર- ચિત્રાવડ-સલામત સ્થળ
- I4 ડાયમંડ સ્કુલ-સલામત સ્થળ
- I5 આગાખાન ઈંગ્લિશ સ્કુલ-અન્ય માહિતી
- I6 જમાતખાના-સલામત સ્થળ

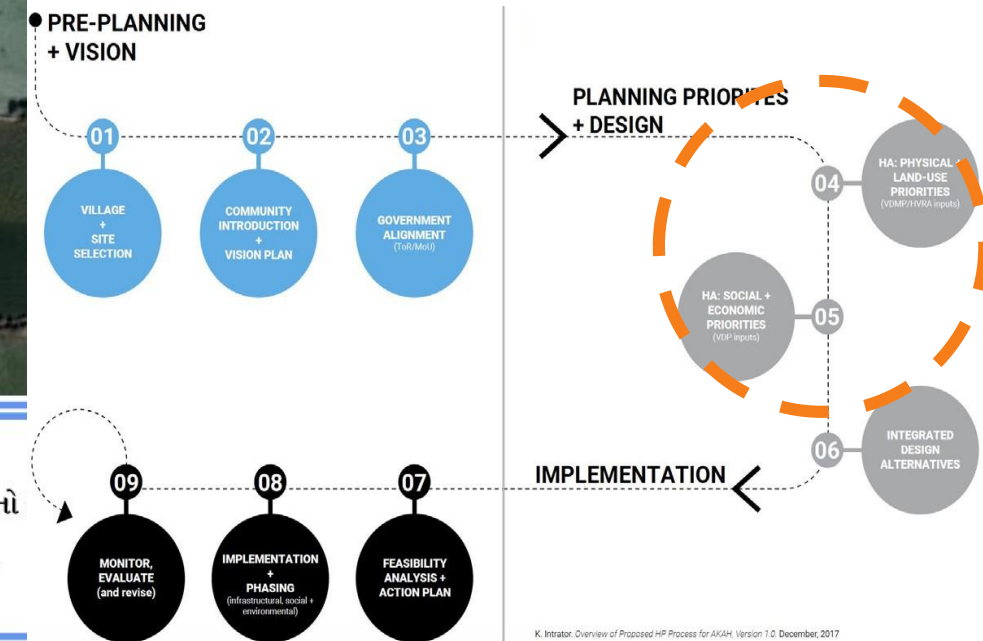


AKDN
AGA KHAN DEVELOPMENT NETWORK

જોખમ દર્શાવતો નકશો
ચિત્રાવડ

સંજ્ઞા

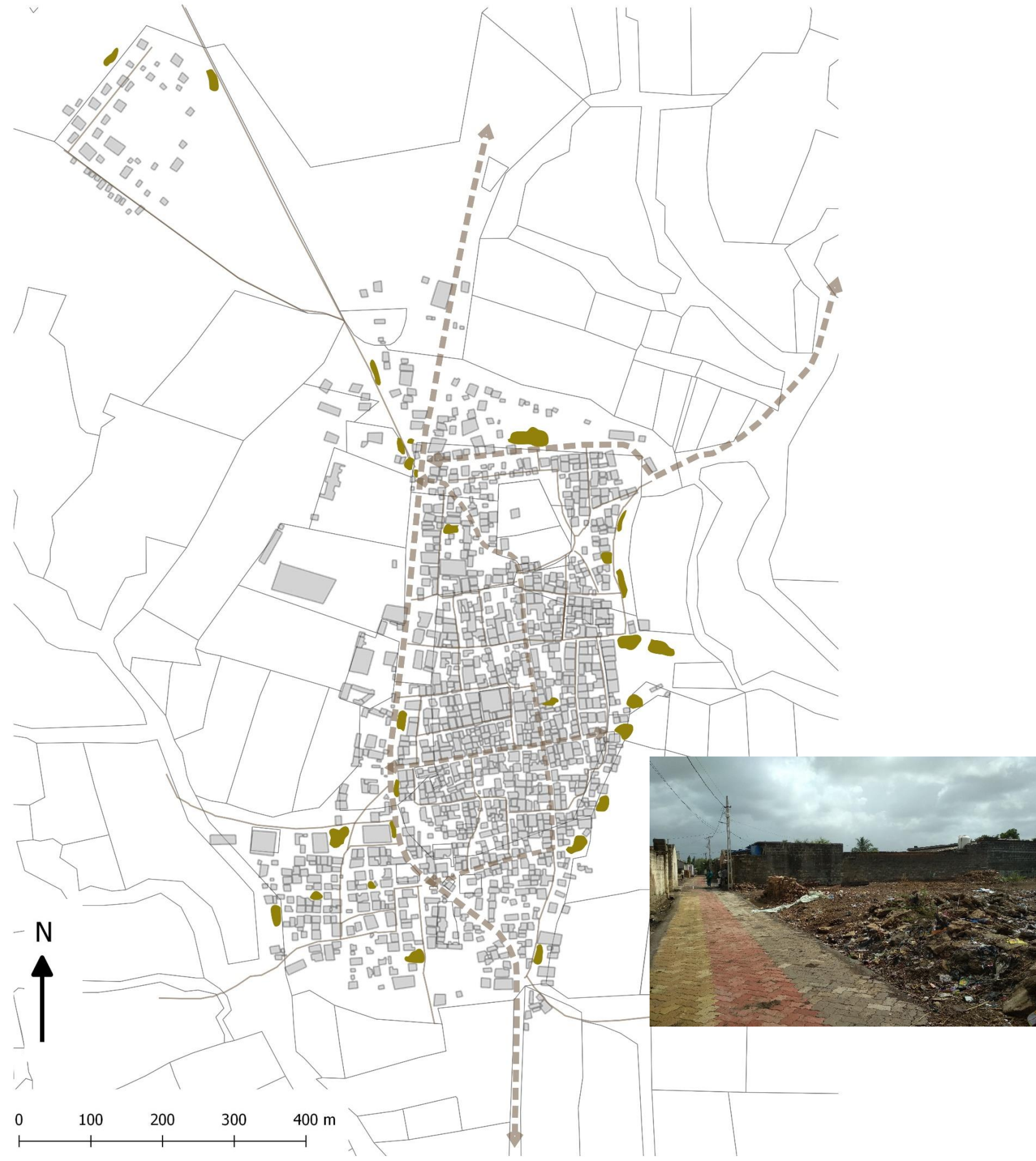
- | | | |
|-------------------------|--------------------------------|---------------|
| જોખમ રેખાકૃતિ - તિવ્રતા | ગામ/શહેર પ્રવૃત્તિ ઝોન/વિસ્તાર | મુખ્ય રસ્તાઓ |
| લૂફપ - મધ્યમ | ગામ/શહેર લિવીંગ ઝોન/વિસ્તાર | બહાર નિકળવાનો |
| વાવાઝોડું - ઉચ્ચ | સમુદાય લિવીંગ ઝોન/વિસ્તાર | પોલીસ સ્ટેશન |
| | પૂર - મધ્યમ | ફાયર બ્રિગેડ |



K. Inzibar. Overview of Proposed HP Process for AKAH, Version 1.0, December, 2017



AKAH Habitat Planning. Habitat Assessment: Water and Sanitation (Chitrawad)



Open solid waste disposal.



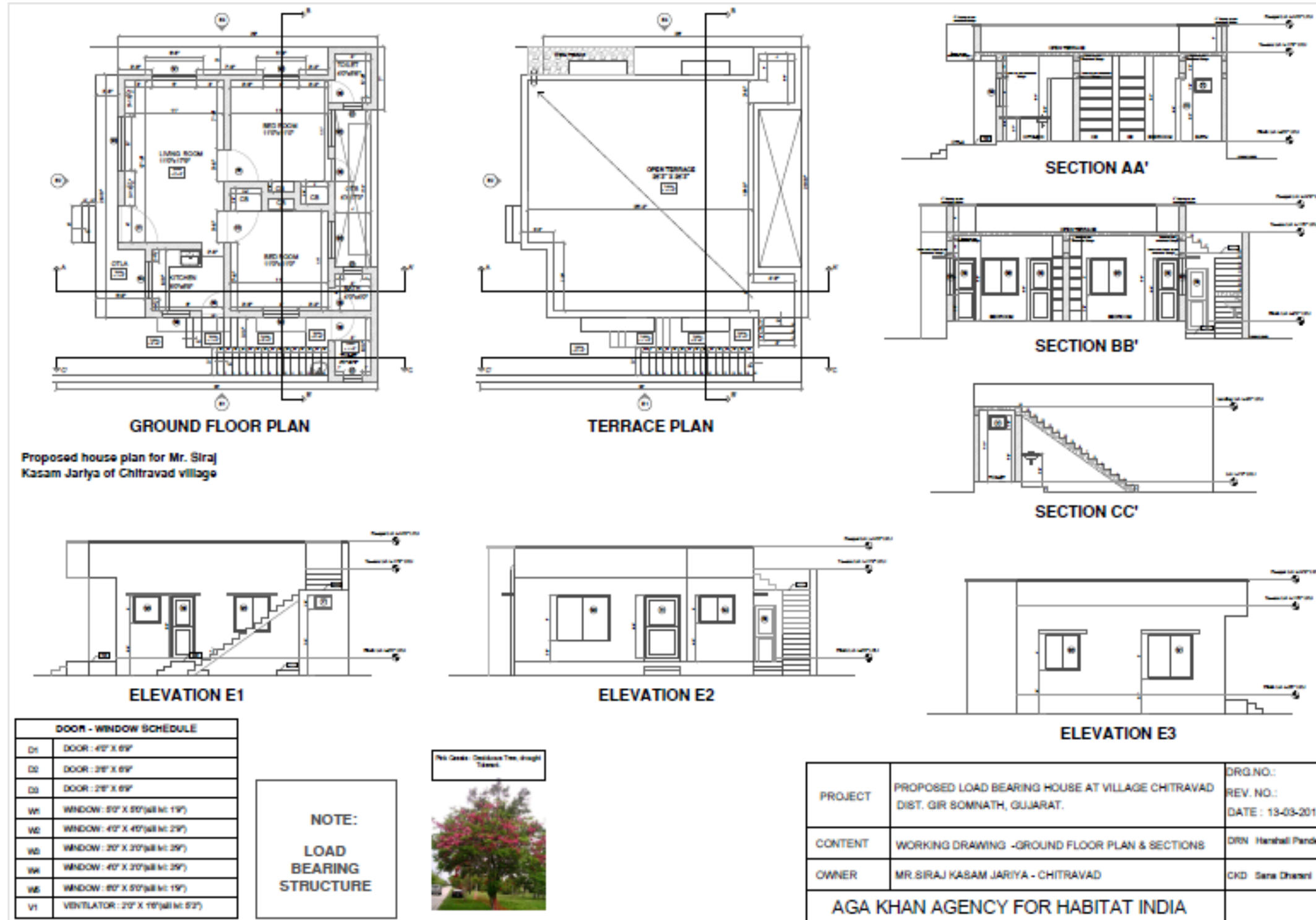
Water Logging Areas



AKAH Habitat Planning. Design: Disaster Resilient Reconstruction of Jamati Housing

Launched under AKAH India Rural Housing Development Program, 2015.

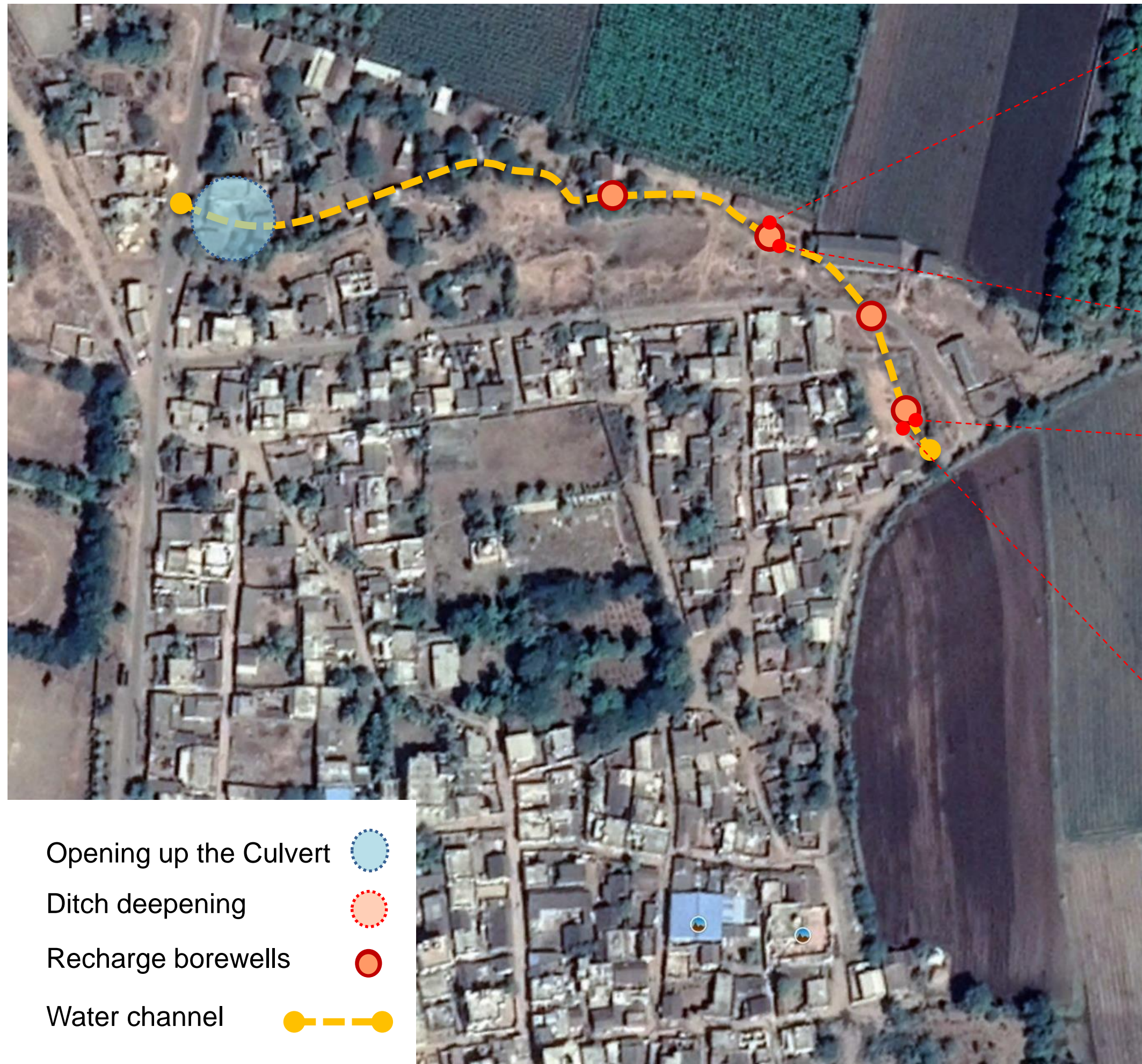
Total of 62 Jamati houses for reconstruction and repair in Chitradvad.







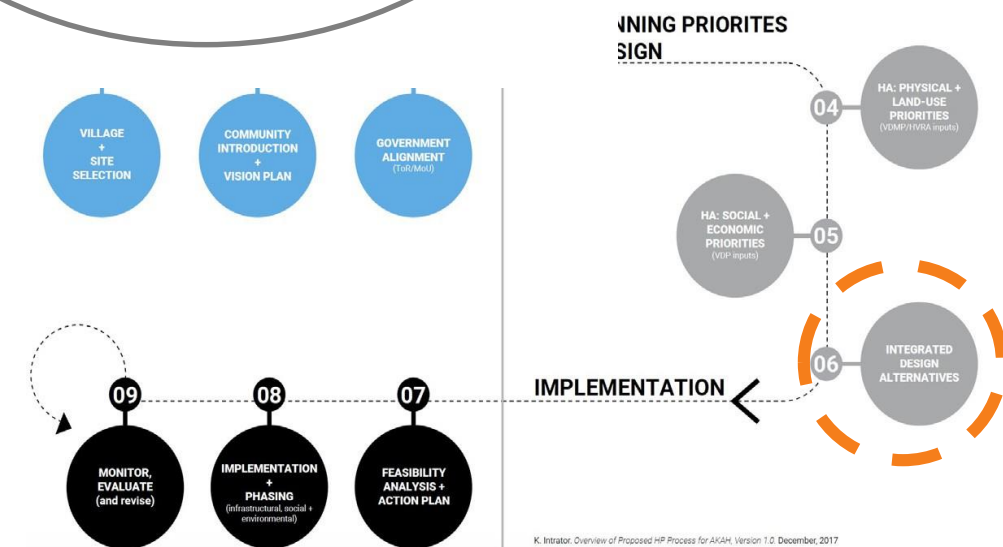
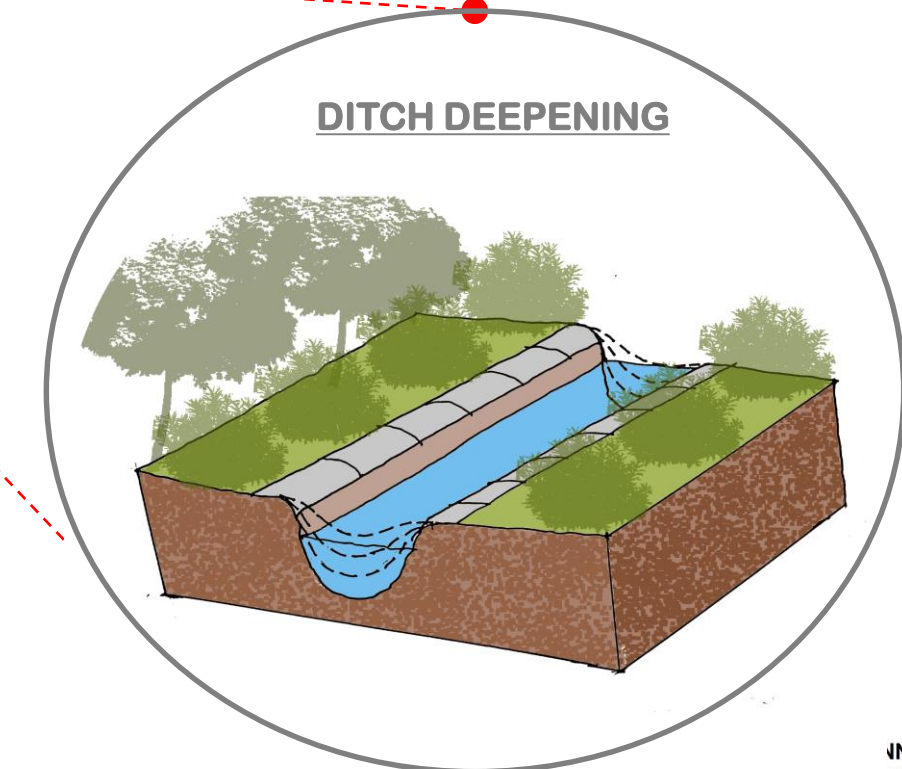
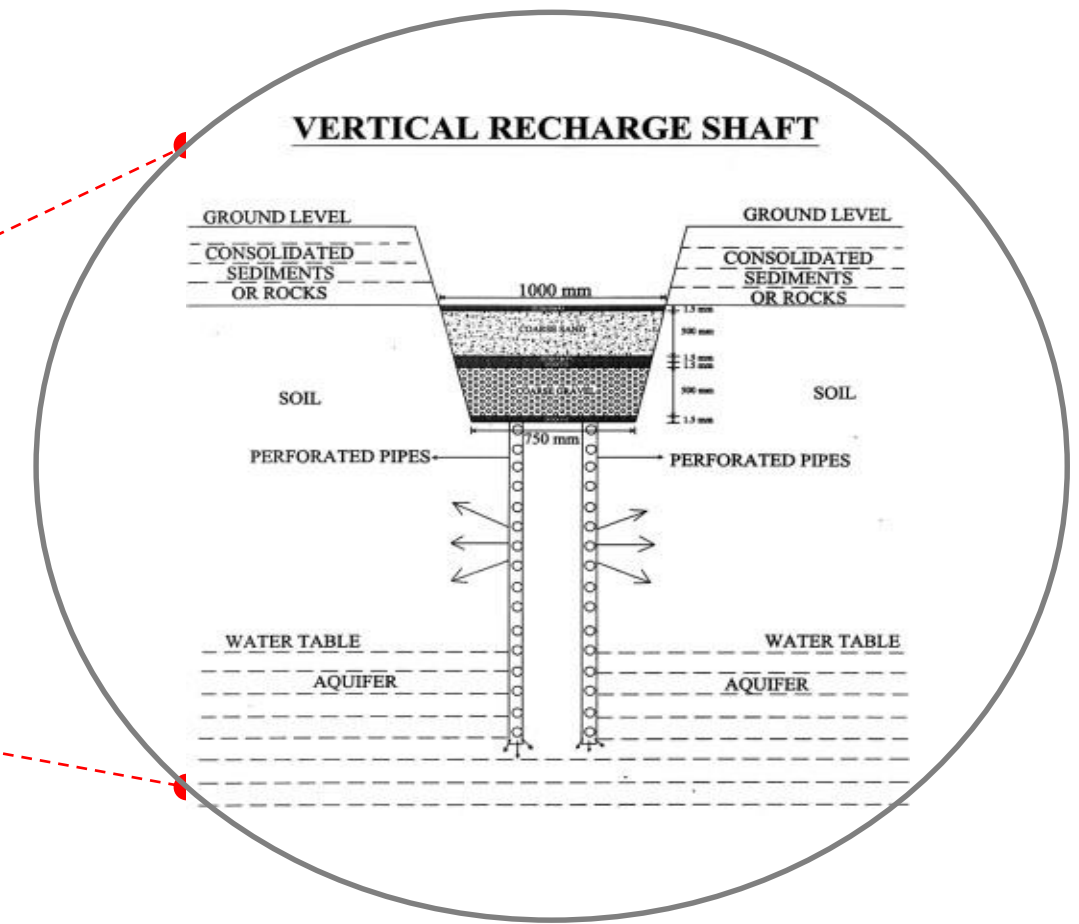
Architectural and Structural designs with Construction management services offered to home-owners



AKAH Habitat Planning. Design: Restoring Natural Drainage



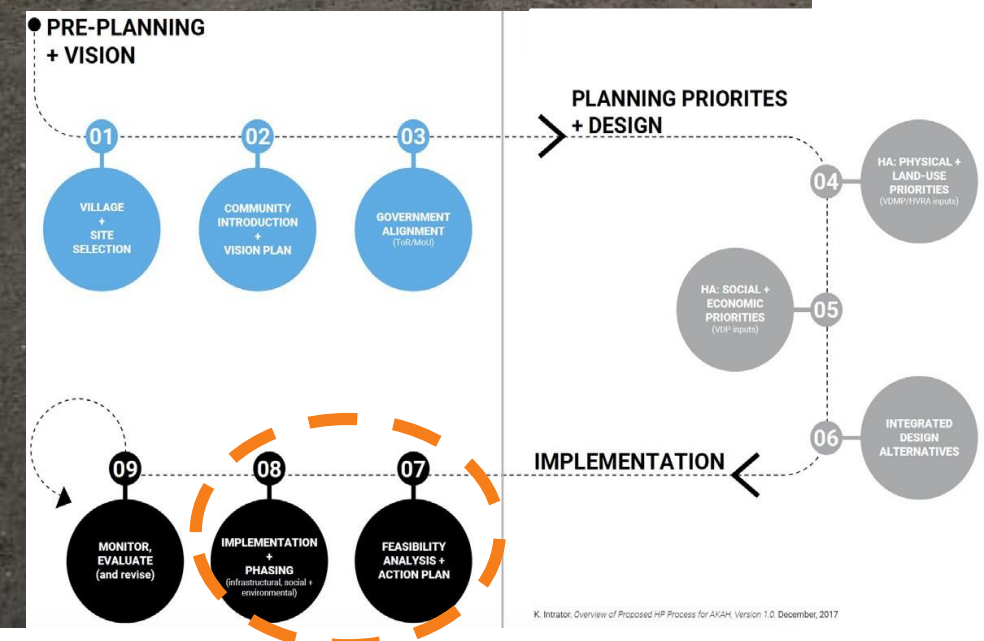
- Opening up the Culvert 
- Ditch deepening 
- Recharge borewells 
- Water channel 



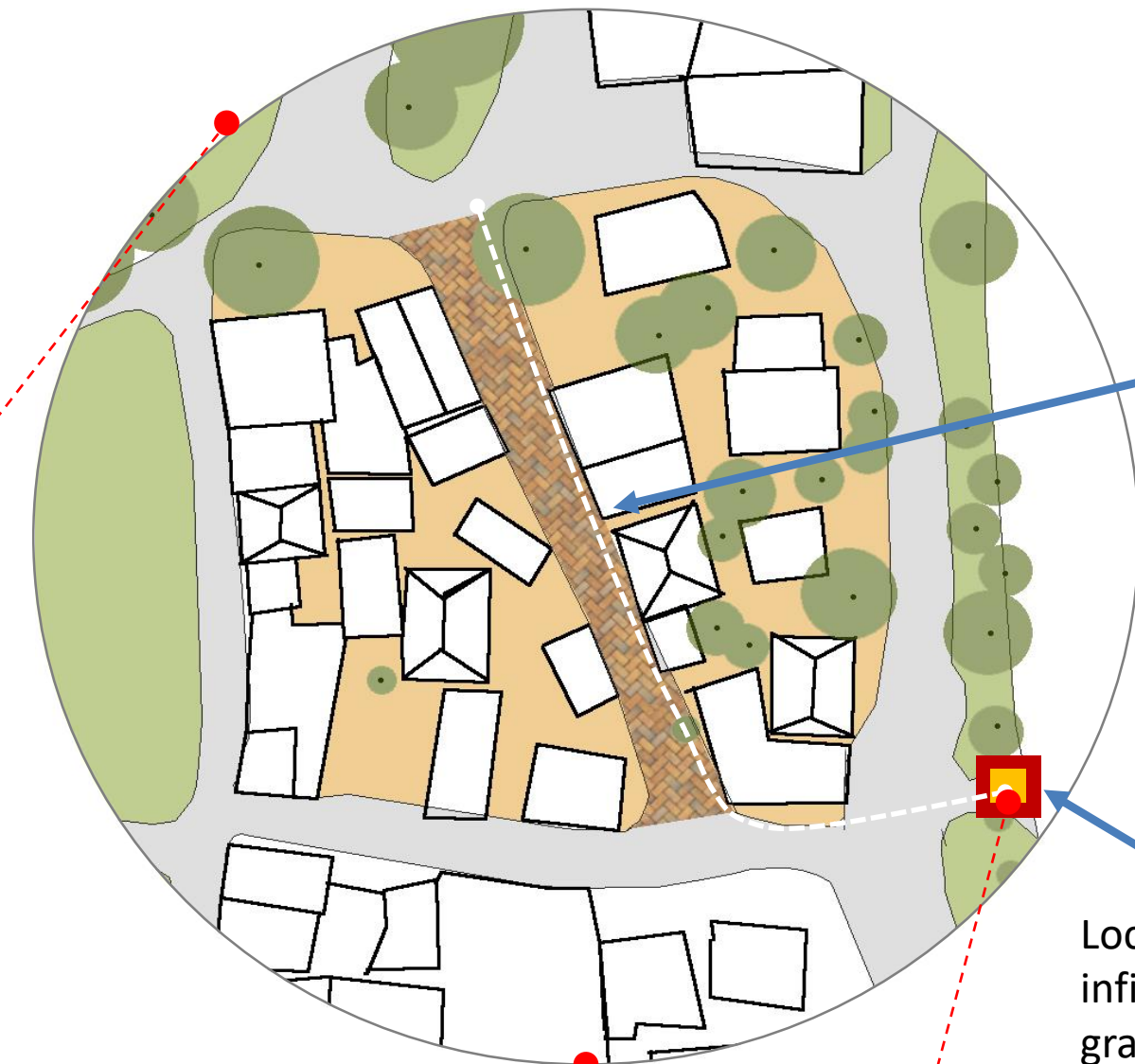
K. Inebauer, Overview of Proposed HP Process for AKAH, Version 1.0, December, 2017



AKAH Habitat Planning. Implementation: Road infrastructure + Restoring Natural Drainage

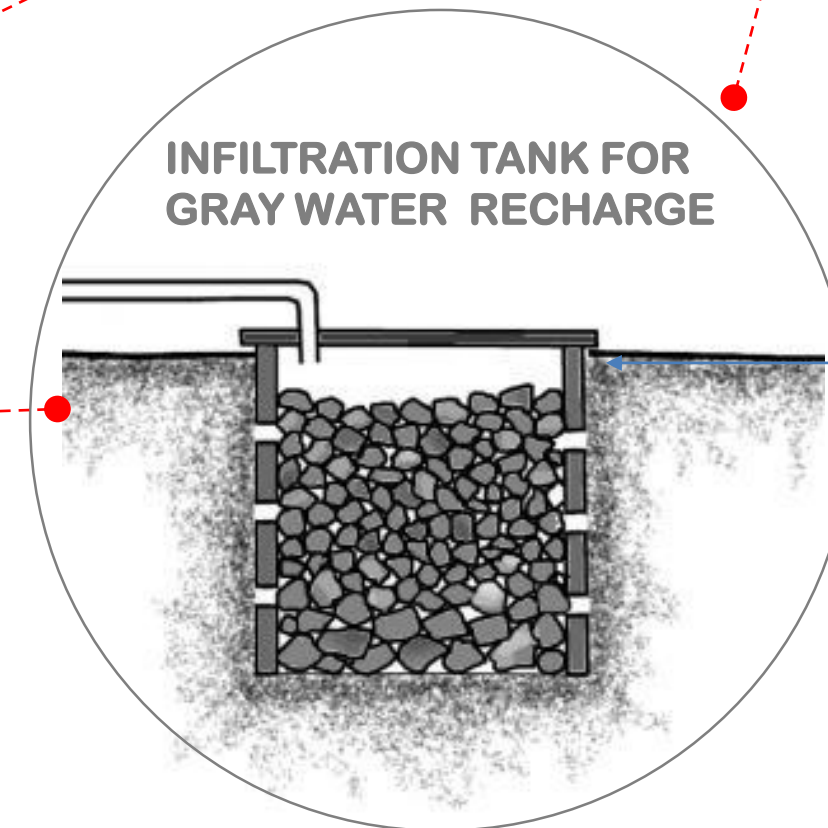


AKAH Habitat Planning. Design: Storm Water and Waste Water Treatment



Paving of road and integrating storm water drains

Location of proposed infiltration tank for gray water filtration and recharge



Tank willed with filters, - coarse sand, gravel and stones





KHOROG CITY, GBAO. TAJIKISTAN

Resilience Planning



Habitat Planning. Pre-Plan Input – Challenges, Opportunities + Objectives

Rapid
Population
increase

*Admin &
Cultural Hub
of Oblast*

Hazard Risks

*Government
Readiness*

Aging +
Insufficient
Infrastructure

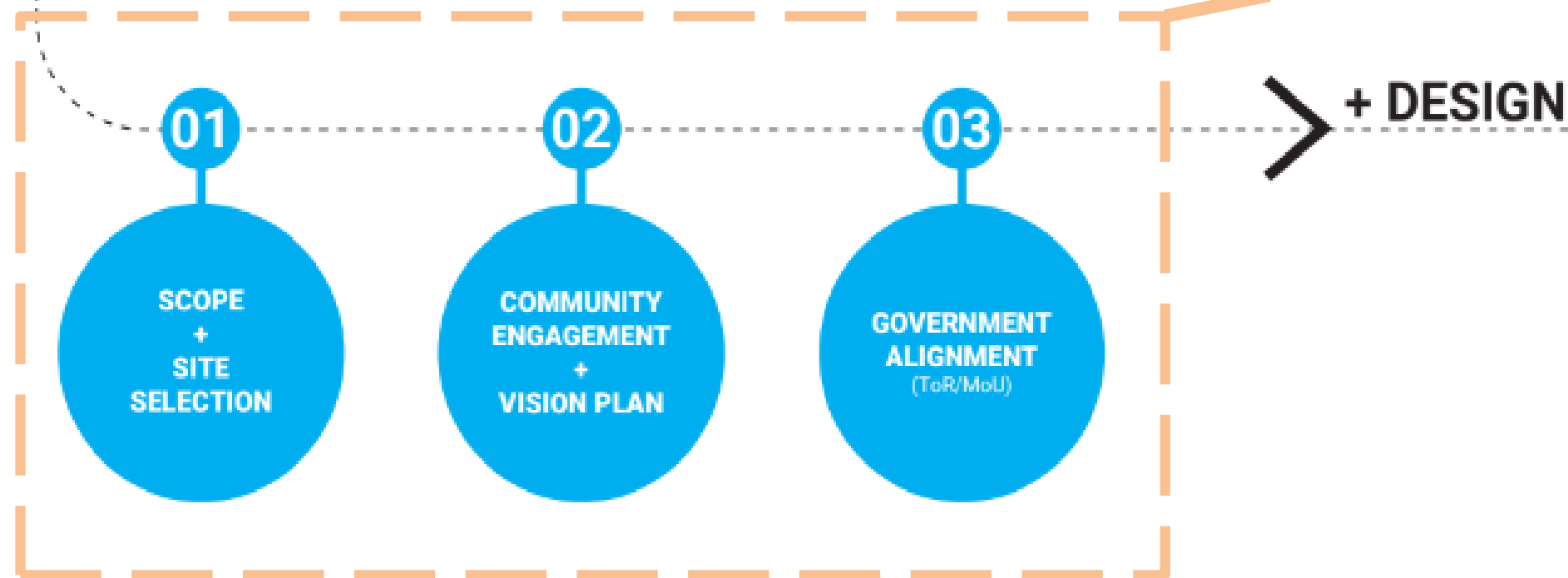
**Enable Khorog to
address and recover
from climatic and hazard
risks through –**

- resilient planning,
- resilient infrastructure
and
- capacity building



Habitat Planning. Status and Next Steps

● PRE-PLANNING + VISION

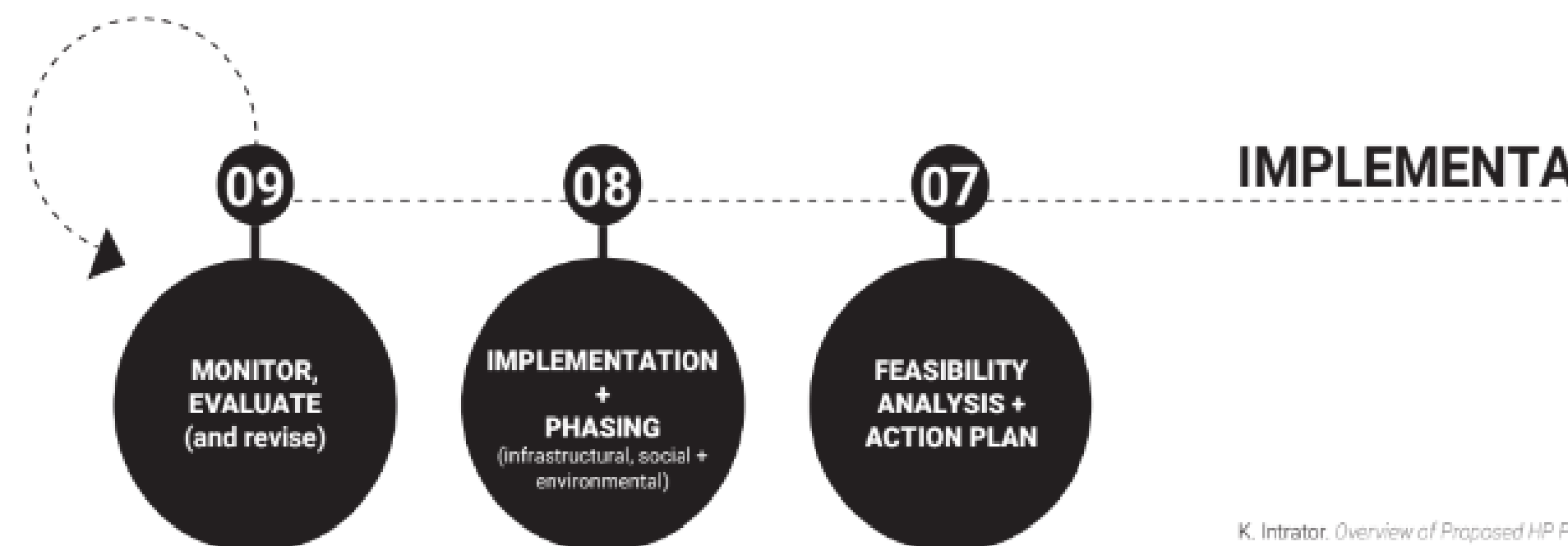


Input

- Government of Tajikistan's Long-term Planning Strategy
- Municipal Data, Regional Strategic Priorities
- Satellite Imagery, HVRA, VDPs, Stakeholder mapping, QoL inputs
- Stakeholder mapping, alignment and co-ordination

Sample Output (Pre-Plan Document)

- Alignment with UNISDRR Framework
- Contextual and Regulatory analysis
- Objectives, Scale and Scope
- Roles and Responsibilities
- Budget and Timeline



K. Intrator. Overview of Proposed HP Process for AKAH, Version 1.0. December, 2017



Habitat Planning. Khorog Resilience + UNIDRR Framework



ORGANIZE FOR DISASTER RESILIENCE
AKDN conducts holistic assessments to understand hazard risks, while governments and communities are prepared through activities such as simulations, data sharing, volunteer trainings, and village planning



IDENTIFY, UNDERSTAND & USE CURRENT & FUTURE RISK SCENARIOS
AKDN assessments are utilized in the creation of risk scenarios, which in turn guide the development of risk-informed interventions across target areas



STRENGTHEN FINANCIAL CAPACITY FOR RESILIENCE
AKDN works to offset the economic impact of disasters by promoting the development of localized strategies and investment mechanisms



PURSUE RESILIENT URBAN & RURAL DEVELOPMENT
After assessing both built and natural environments, AKDN guides development planning and building that serves populations before, during and after disasters



SAFEGUARD NATURAL BUFFERS TO ENHANCE PROTECTIVE FUNCTIONS
AKDN capitalizes on the disaster resilience benefits of ecosystems by implementing mitigation projects and village plans that strategically utilize nature



STRENGTHEN INSTITUTIONAL CAPACITY FOR RESILIENCE
AKDN works to enhance the capacity and inter-operability of institutions in order to ensure effective emergency response and disaster risk reduction



UNDERSTAND & STRENGTHEN SOCIETAL CAPACITY FOR RESILIENCE
AKDN engages communities to understand their disaster-risk using an inclusive lens, building on the role of community-led efforts for resiliency



INCREASE INFRASTRUCTURE RESILIENCE
AKDN assesses, designs, rehabilitates, and constructs high quality services, infrastructure, and structural mitigation projects that are resilient to natural hazards



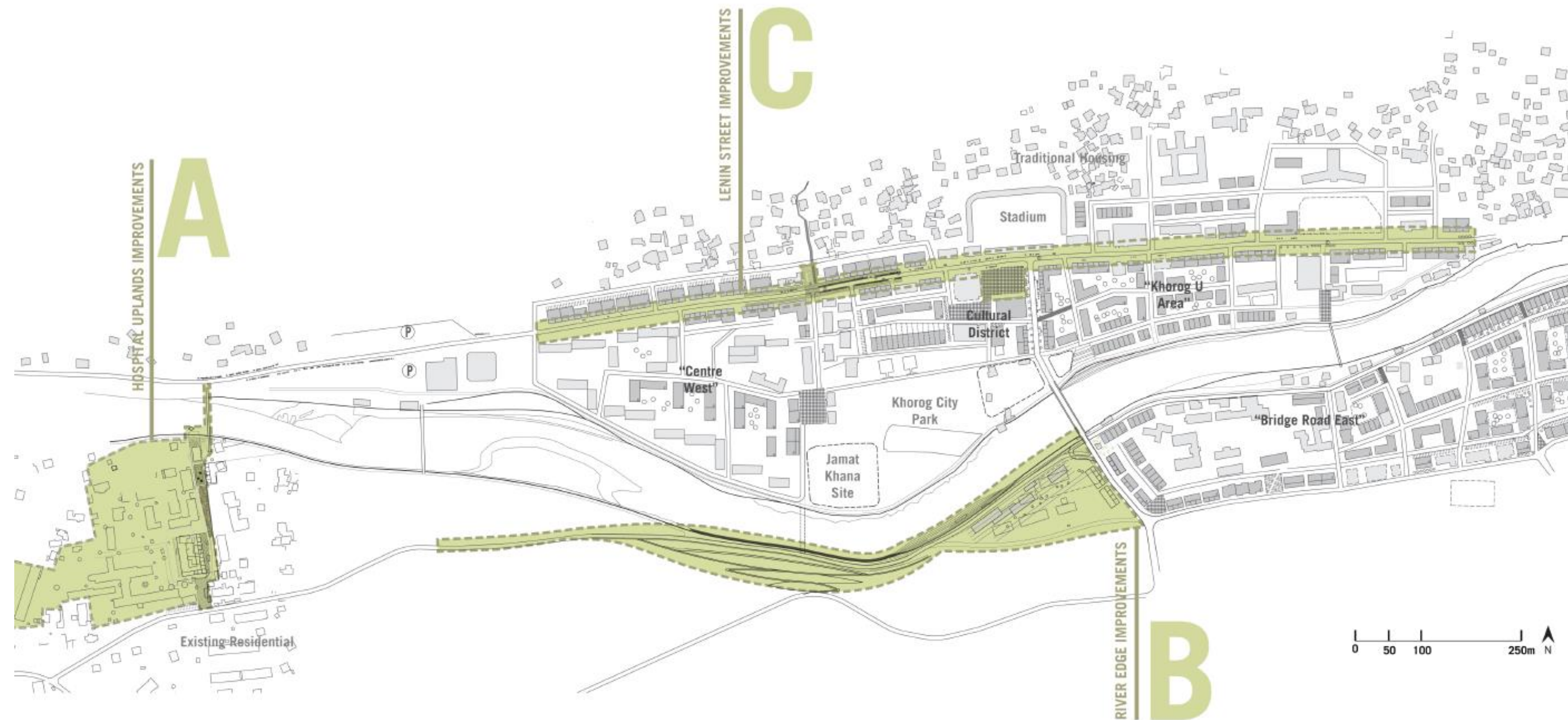
ENSURE EFFECTIVE DISASTER RESPONSE
AKDN prepares communities and institutions for effective and efficient disaster response through trainings, simulations, stockpile and shelter establishment, and disaster management plans



EXPEDITE RECOVERY & BUILD BACK BETTER
Through post-disaster assessments and recovery plans, resource distribution, and reporting lessons learned, AKDN supports the re-building process



Habitat Planning. Pre-Plan Data Input – AKTC Town Plan



- Resilience for future growth
- University Town



Habitat Planning. Pre-Plan Input –Government Leadership and Alignment

- **DRR Focal Point.** Deputy PM appointed as the new Disaster Risk Reduction focal point for the National Government
- **Key Partners** include the Government of Switzerland, European Commission and Japanese Grant Programme. SDC and SECO are supporting Governor and Mayor of Khorog to develop Governance and oversight mechanisms
- **Government Planning Exercise.** Government of GBAO with its partners in the AKDN, the UN and International Community undertook a scoping exercise to initiate a 15 year resilient city plan
- **Imbedding AKDN resources** into the Ministries in collaboration with the Governor's Office and Deputy Prime Minister



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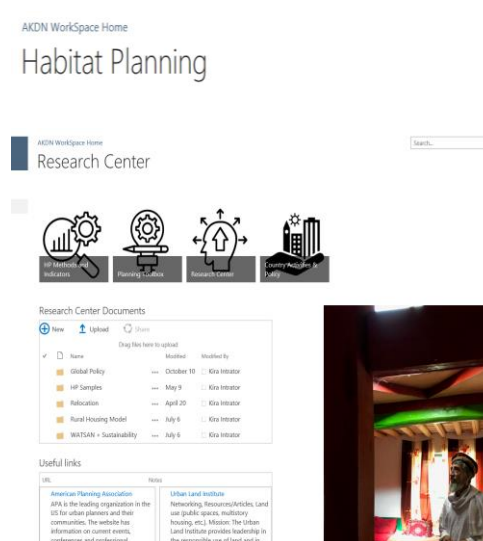
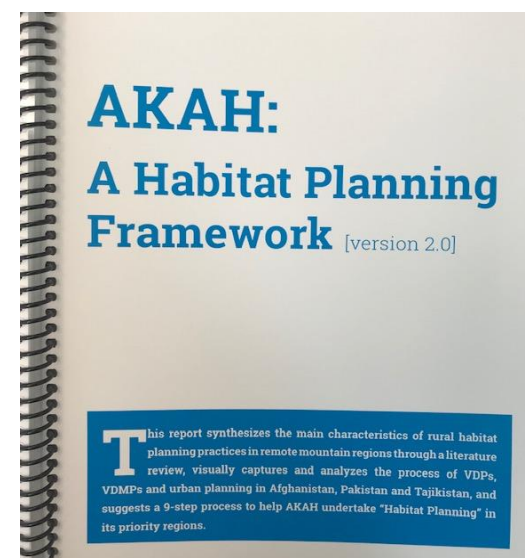
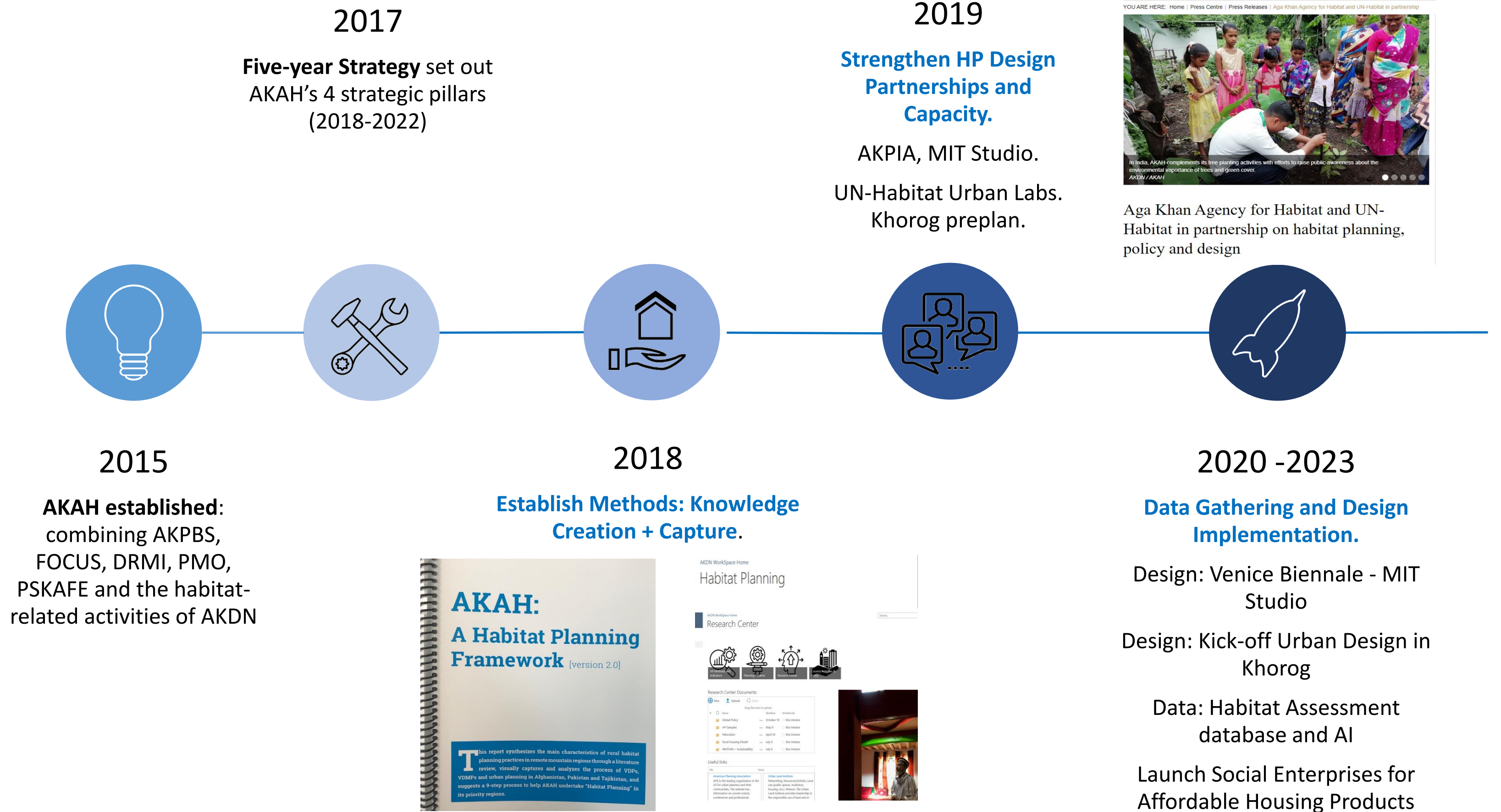
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AKAH – Habitat Planning Timeline



Thank you kindly



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