



Tehran, Iran, Islamic Rep of

Local progress report on the implementation of the 10 Essentials for Making Cities Resilient (2013-2014)

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Essential 1

Put in place organization and coordination to understand and reduce disaster risk, based on participation of citizen groups and civil society. Build local alliances. Ensure that all departments understand their role to disaster risk reduction and preparedness.

How well are local organizations (including local government) equipped with capacities (knowledge, experience, official mandate) for disaster risk reduction and climate change adaptation?

Level of Progress achieved: 3

Description of Progress & Achievements:

In Tehran, based on urban regulations for Disaster Risk Reduction that are ratified by Tehran City Council and among many others, Tehran Municipality improve capacities for DRR through decentralization of disaster management by establishment of district DM Headquarters for 22 districts in Tehran, improving cooperation with International Cooperation Agencies and UN offices and defining joint projects for transfer of knowledge, developing coordination among DM related organizations that are members of Tehran DM Headquarter.

To what extent do partnerships exist between communities, private sector and local authorities to reduce risk?

Level of Progress achieved: 2

Description of Progress & Achievements:

TDMMO established Disaster Management Volunteers groups (DAWAM) at 22 municipal districts in Tehran and DM team formed at different kinds of buildings (Amaken) e.g. business, administrative and residential and schools as well. Also, up to now, following recognition of suppliers from private sector at district level, each District DM Headquarter have signed several MOU with private sector in order to be

used in the time of occurrence of earthquake and other

How much does the local government support vulnerable local communities (particularly women, elderly, infirmed, children) to actively participate in risk reduction decision-making, policy making, planning and implementation processes?

Level of Progress achieved: 1

Description of Progress & Achievements:

Through formation of DM teams at buildings (Amaken Project), to somehow different social groups are supported and involved in DRR activities.

To what extent does the local government participate in the national DRR planning?

Level of Progress achieved: 3

Description of Progress & Achievements:

Tehran Disaster Mitigation and Management Organization affiliated to Tehran Municipality participate in regular meetings of national technical committees under Ministry of Interior with the aim to exchange viewpoints, review plans and participate in the decision making and improvement of coordination in this regard.

Essential 2

Assign a budget for disaster risk reduction and provide incentives for homeowners, low-income families, communities, businesses and public sector to invest in reducing the risks they face.

How far does the local government have access to adequate financial resources to carry out risk reduction activities?

Level of Progress achieved: 2

Description of Progress & Achievements:

Although it is considered good financial resources for DRR, but the access to adequate resources is not good.

To what degree does the local government allocate sufficient financial resources to carry out DRR activities, including effective disaster response and recovery?

Level of Progress achieved: 3

Description of Progress & Achievements:

According to Tehran Municipality 2nd 5- year plan approved by Tehran City Council, In case of occurrence of disasters in Tehran, Municipality is authorized to allocate 4 percent of Tehran Municipality budget for response and recovery.

What is the scope of financial services (e.g. saving and credit schemes, macro and micro-insurance) available to vulnerable and marginalised households for pre- disaster times?

Level of Progress achieved: 1

Description of Progress & Achievements:

There is some financial support for renewal of houses located at old urban areas which granted to Tehran resident by Tehran Municipality.

To what extent are micro finance, cash aid, soft loans, lone guarantees etc available to affected households after disasters to restart livelihoods?

Level of Progress achieved: 2

Description of Progress & Achievements:

Following Tehran storm on June 2014, proposed draft has been prepared and submitted to Tehran City Council and approved for compensation and support of residents in case of occurrence of disasters. At national level, government is responsible for compensation and losses and recently, based on the approved table this will be done by local government (Tehran Municipality) in Tehran.

How well established are economic incentives for investing in disaster risk reduction for households and businesses (e.g. reduced insurance premiums for households, tax holidays for businesses)?

Level of Progress achieved: 2

Description of Progress & Achievements:

There are different kinds of economic incentives, tax discounts and loans for renewal and regeneration of old urban constructions in Tehran.

To what extent do local business associations, such as chambers of commerce and similar, support efforts of small enterprises for business continuity during and after disasters?

Level of Progress achieved: 1

Description of Progress & Achievements:

There are few actions

Essential 3

Maintain up-to-date data on hazards and vulnerabilities, prepare risk assessments and use these as the basis for urban development plans and decisions. Ensure that this information and the plans for your city's resilience are readily available to the public and fully discussed with them.

To what degree does the local government conducted thorough disaster risk assessments for key vulnerable development sectors in your local authority?

Level of Progress achieved: 3

Description of Progress & Achievements:

Risk Assessments have been conducted by local government in Tehran but not with all hazards approach. Up to now, assessments conducted especially from geological aspects such as earthquake, landslide and qanats and it is planned to be done for other kinds of possible hazards in future. Also seismic microzonation maps for Tehran have been prepared.

To what extent are these risk assessments regularly updated, e.g. annually or on a bi-annual basis?

Level of Progress achieved: 3

Description of Progress & Achievements:

The risk assessments are regularly updated. Demographic data will be updated on a 5- year plan basis at national level.

How regularly does the local government communicate to the

community, information on local hazard trends and risk reduction measures (e.g. using a Risk Communications Plan) including early warnings of likely hazard impact?

Level of Progress achieved: 2

Description of Progress & Achievements:

There isn't a risk communication plan in Tehran

How well are local government risk assessments linked to, and supportive of, risk assessments from neighbouring local authorities and state or provincial government risk management plans?

Level of Progress achieved: 2

Description of Progress & Achievements:

It is linked with some of the neighboring local authorities and adjacent provinces.

How well are disaster risk assessments incorporated into all relevant local development planning on a consistent basis?

Level of Progress achieved: 2

Description of Progress & Achievements:

Regular meetings are held with life line committee members at local level and disaster risk assessments reports are sharing among them.



Essential 4

Invest in and maintain critical infrastructure that reduces risk, such as flood drainage, adjusted where needed to cope with climate change.

How far do land use policies and planning regulations for housing and development infrastructure take current and projected disaster risk (including climate related risks) into account?

Level of Progress achieved: 3

Housing	Yes
Communication	No
Transportation	Yes
Energy	No

Description of Progress & Achievements:

There are regulations such as Building Code 2800 which is Iranian Construction standard , 5th National Development Plan and Tehran Detailed Plan.

How adequately are critical public facilities and infrastructure located in high risk areas assessed for all hazard risks and safety?

Level of Progress achieved: 2

Description of Progress & Achievements:

There are assessments for critical public facilities and infrastructures with focus on earthquake, landslide and other geological hazard but not all hazards.

How adequate are the measures that are being undertaken to protect critical public facilities and infrastructure from damage during disasters?

Level of Progress achieved: 2

Description of Progress & Achievements:

we didn't evaluate it.

Essential 5

Assess the safety of all schools and health facilities and upgrade these as necessary.

To what extent have local schools, hospitals and health facilities received special attention for "all hazard" risk assessments in your local authority?

Level of Progress achieved: 3

Schools	Yes
Hospitals/ health facilities	Yes

Description of Progress & Achievements:

Both schools and hospital revived more attention in the recent years.

How safe are all main schools, hospitals and health facilities from disasters so that they have the ability to remain operational during emergencies?

Level of Progress achieved: 2

Schools	Yes
Hospitals/ health facilities	Yes

Description of Progress & Achievements:

Studies demonstrate weakness in this issue regard.

To what degree do local government or other levels of government have special programs in place to regularly assess schools, hospitals and health facilities for maintenance, compliance with building codes, general safety, weather-related risks etc.?

Level of Progress achieved: 3

Schools	Yes
Hospitals/ health facilities	Yes

Description of Progress & Achievements:

Both ministry of education and ministry of health cooperated with local government have conducted regulatory assessment programs in current years.

How far are regular disaster preparedness drills undertaken in schools, hospitals and health facilities?

Level of Progress achieved: 3

Schools	Yes
Hospitals/ health facilities	Yes

Description of Progress & Achievements:

Disaster preparedness drills are undertaken in schools annually and in hospitals and health facilities periodically based on the minister of health program.

Essential 6

Apply and enforce realistic, risk compliant building regulations and land use planning principles. Identify safe land for low-income citizens and develop upgrading of informal settlements, wherever feasible.

How well are risk-sensitive land use regulations and building codes, health and safety codes enforced across all development zones and building types?

Level of Progress achieved: 3

Description of Progress & Achievements:

Risk-sensitive land use regulations and building codes are enforced for construction of buildings.

How strong are existing regulations (e.g. land use plans, building codes etc) to support disaster risk reduction in your local authority?

Level of Progress achieved: 3

Description of Progress & Achievements:

The regulations and building codes are strong enough but there are weak points in monitoring of implementation process.

Essential 7

Ensure education programmes & training on disaster risk reduction are in place in schools and communities.

How regularly does the local government conduct awareness-building or education programs on DRR and disaster preparedness for local communities?

Level of Progress achieved: 3

Programs include cultural diversity issues	No
Programs are sensitive to gender perspectives	No

Description of Progress & Achievements:

Wide educational programs are hold in all neighbors, but not good cultural diversity and gender perspective

To what extent does the local government provide training in risk reduction for local officials and community leaders?

Level of Progress achieved: 3

Description of Progress & Achievements:

There are intensive training courses in DRR and DM for local officials e.g. Tehran Municipality officials and managers, members of TDMMO technical committees (representatives of DM related organizations), Districts' DM Headquarters officials and community leaders.

To what degree do local schools and colleges include courses, education or training in disaster risk reduction (including climate related risks) as part of the education curriculum?

Level of Progress achieved: 2

Description of Progress & Achievements:

Although we have conducted disaster management as a master and PhD degree in higher education system, it has not implemented in other fields curriculum officially.

How aware are citizens of evacuation plans or drills for evacuations when necessary?

Level of Progress achieved: 3

Description of Progress & Achievements:

Beside radio and TV interviews with officials and experts, there are some evacuation drills in districts neighborhoods unit (Mahalle) annually and awareness raising materials such as pamphlets and brochures distributed among residents periodically. Evacuation maps have been prepared for all the districts in Tehran but distributed in many of the Mahalles (neighborhood units) and it is going to be published for all of them in future.

Essential 8

Protect ecosystems and natural buffers to mitigate floods, storm surges and other hazards to which your city may be vulnerable. Adapt to climate change by building on good risk reduction practices.

How well integrated are local government DRR policies, strategies and implementation plans with existing environmental development and natural resource management plans?

Level of Progress achieved: 1

Description of Progress & Achievements:

The programs are not adequately implemented in environmental plans.

To what degree does the local government support the restoration, protection and sustainable management of ecosystems services?

Level of Progress achieved: 2

Forests	No
Coastal zones	No
Wetlands	No
Water resources	Yes
River basins	Yes
Fisheries	No

Description of Progress & Achievements:

Local government is cooperating with power ministry for Water resources management and and River basins as well.

How much do civil society organizations and citizens participate in the restoration, protection and sustainable management of ecosystems services?

Level of Progress achieved: 2

Description of Progress & Achievements:

Despite progressing, civil society and citizens participation are not good yet.

How much does the private sector participate in the implementation of environmental and ecosystems management plans in your local authority?

Level of Progress achieved: 2

Description of Progress & Achievements:

Despite progressing, private sector participation is not good yet.

Essential 9

Install early warning systems and emergency management capacities in your city and hold regular public preparedness drills.

To what degree do local institutions have access to financial reserves to support effective disaster response and early recovery?

Level of Progress achieved: 2

Description of Progress & Achievements:

access to financial reserves for local institutions to support effective disaster response and early recovery are somehow difficult.

To what extent are early warning centres established, adequately staffed (or on-call personnel) and well resourced (power back ups, equipment redundancy etc) at all times?

Level of Progress achieved: 3

Description of Progress & Achievements:

The Early Warning System (EWS) has been established in Tehran by TDMMO in cooperation with JICA, Also monitoring and control department of Tehran Meteorological center, Emergency Operation Center of Red Crescent Society, Ministry of Health and life lines organizations are established and adequately staffed with well resourced

How much do warning systems allow for adequate community participation?

Level of Progress achieved: 1

Description of Progress & Achievements:

The Tehran's EWS is being completed by community participation.

To what extent does the local government have an emergency operations centre (EOC) and/or an emergency communication system?

Level of Progress achieved: 3

Description of Progress & Achievements:

Tehran has EOC which is constructed and equipped by local government and is located at TDMMO. Also, there are 22 districts EOCs at Tehran 22 municipal districts.

How regularly are training drills and rehearsal carried out with the participation of relevant government, non-governmental, local leaders and volunteers?

Level of Progress achieved: 3

Description of Progress & Achievements:

More than 50 full scale drills are done in Tehran annually.

How available are key resources for effective response, such as emergency supplies, emergency shelters, identified evacuation routes and contingency plans at all times?

Level of Progress achieved: 3

Stockpiles of relief supplies	Yes
Emergency shelters	Yes
Safe evacuation routes identified	Yes
Contingency plan or community disaster preparedness plan for all major hazards	No

Description of Progress & Achievements:

Regarding Stockpiles of relief supplies, local government in Tehran equipped Tehran DM supporting bases and relief supplies have been piled up by local government and Tehran RCS for utilization in emergency situations. Also, TDMMO has worked on emergency sheltering and besides tents and other required facilities for emergency sheltering, 16 important parks around Tehran have been designated and infrastructure are in place for being used as a temporary housing following occurrence of disasters in Tehran. About safe evacuation routes, as it has been mentioned they are identified in each districts and evacuation maps have been designed and distributed in some of the Mahalles (Neighboring units) and will be distributed to others in future based on the schedule.

Essential 10

After any disaster, ensure that the needs of the survivors are placed at the centre of reconstruction with support for them and their community organizations to design and help implement responses, including rebuilding homes and livelihoods.

How much access does the local government have to resources and expertise to assist victims of psycho-social (psychological, emotional) impacts of disasters?

Level of Progress achieved: 2

Description of Progress & Achievements:

we are planning to train psychological support team coordinating with national welfare organization.

How well are disaster risk reduction measures integrated into post-disaster recovery and rehabilitation activities (i.e. build back better, livelihoods rehabilitation)?

Level of Progress achieved: 2

Description of Progress & Achievements:

Now the measurements are not enough

To what degree does the Contingency Plan (or similar plan) include an outline strategy for post disaster recovery and reconstruction, including needs assessments and livelihoods rehabilitation?

Level of Progress achieved: 1

Description of Progress & Achievements:

we are developing business contingency plan for TDMMO.