

VIVIENDA SUSTENTABLE EN MÉXICO

NAMA



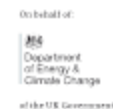
ACCIONES NACIONALES
APROPIADAS DE MITIGACIÓN



Mexican Housing NAMA

Programa Mexicano-Alemán para NAMA (**ProNAMA**)
Componente Vivienda
NAMA Facility, implementation of NAMA Housing

„Talking climate- international cooperation
in the run-up to Paris“



Mexican Housing NAMA

Towards sustainability



- 5 Funding
- 4 Pilot projects
- 3 Technical assistance
- 2 The challenge
- 1 Housing sector

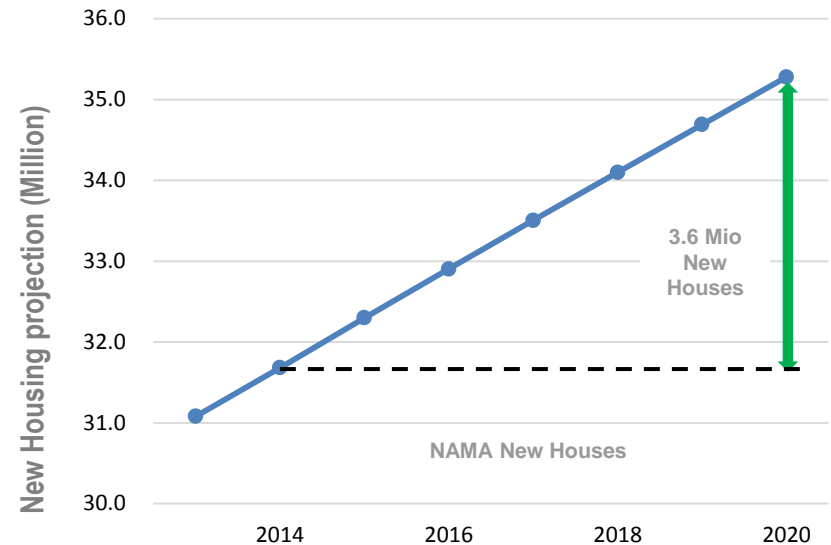
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Towards sustainability



Situation:

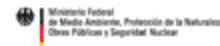
- Housing sector is responsible of **17%** of energy consumption in Mexico and **4.5%** of CO2 emissions
- in 2020, 3.6 mil houses will be built
- By 2030, **1/3** of the existing houses will need partial or total retrofit



Fuente: Proyección CONAPO



1 Housing sector



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Towards sustainability



Mexico's housing Policy:

1. To ensure **decent** housing
2. To redefine **urban development and housing policy** into sustainable development
3. To increase **energy efficiency** for low income housing
4. To **upgrade** energy efficiency levels
5. To achieve a **better a greater** institutional coordination



2 The challenge



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“Whole house approach”

- **Technical design:**
 - Primary energy demand & water consumption
 - Definition of typologies
 - Climate zones
 - Evaluating system



Sisevive Ecocasa
¡Ahorras y vives bien!

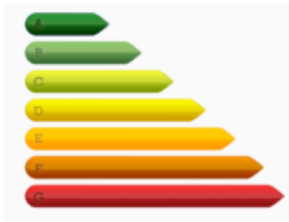
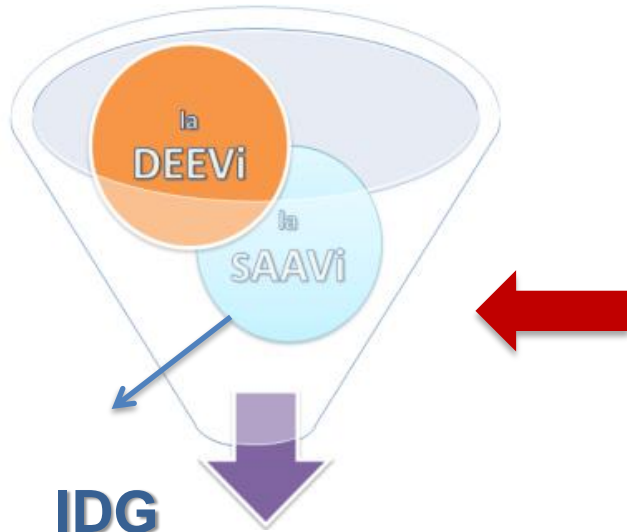


3 Technical assistance



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Towards sustainability



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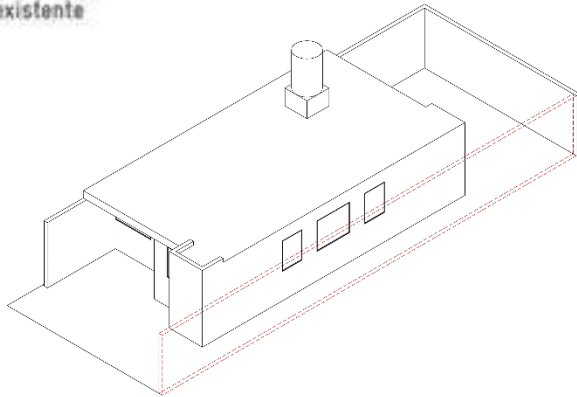
- Hermosillo (27 units)
- Guadalajara (18 units)
- Morelia (30 units)



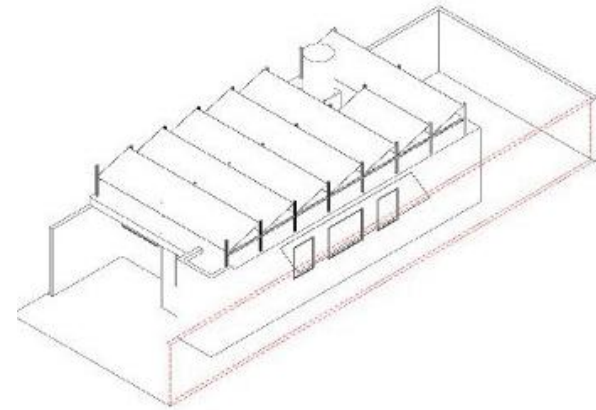
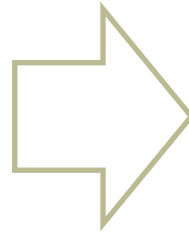
4 Pilot projects

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Original prototype



1. Change of electrical appliances
2. Energy Efficiency improvement
3. Bioclimatic design strategy
4. Energy efficient extension

- Mérida (9 units)



4 Pilot projects



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Towards sustainability



SEDATU
SECRETARÍA DE
DESARROLLO AGRARIO,
TERRITORIAL Y URBANO



COMISIÓN
NACIONAL
DE VIVIENDA

NAMA FACILITY



Federal Ministry for the
Environment, Nature Conservation,
Building and Nuclear Safety



Department
of Energy &
Climate Change

Main goals:

- It promotes the **penetration** of basic efficiency standard in the entire **new housing market** in Mexico
- It promotes the **upgrading of energy efficiency standards** to more ambitious levels.

Technical Component
4 million Euro, 11/2013 – 10/2017

Financial Component
10 million Euro, 01/2014 – 10/2020

Implemented by:

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH



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NAMA Facility



Ministerio Federal
de Medio Ambiente, Protección de la Naturaleza,
Obras Públicas y Seguridad Nuclear

On behalf of:

Department
of Energy &
Climate Change

of the UK Government

NAMA FACILITY:

Urban selection criteria for New Housing NAMA developments





Mexican challenge 2050

- Mexico achieved the voluntary goal to reduce 50% of CO2 emissions of 2000
- The implementation of **NAMAs** as a public policy, supports Mexico's commitment towards sustainable development



Mexican Housing NAMA



www.nama-facility.org

www.giz.de

www.conavi.gob.mx

<http://climate.blue/es/>

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