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# 2010 RESULTS AND OUTLOOK

MEXICAN HOUSING DAY

1er. semestre del 2011











#### 1. EXECUTIVE SUMMARY

- 2. 2010 RESULTS
  - A. FINANCIAL RESULTS
  - B. MARKET RECOVERY
  - C. SOCIAL RESULTS
- 3. MARKET OUTLOOK
- 4. NEW STRATEGIC FOCUS
- 5. FINANCIAL PROJECTIONS
- 6. FINAL REMARKS

# INSTITUTO DEL FONDO NACIONAL DE LA VIVIENDA PARA LOS TRABAJADORES



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- In 2010, INFONAVIT achieved its main institutional goals for the benefit of workers and their families.
- In 2011, INFONAVIT plans to maintain the dynamism of its lending program, diversifying its product offering and channels to meet the housing needs of new segments of workers.
- Two major institutional challenges loom in medium and long-term:
  - Strengthen the <u>sustainability</u> initiatives to ensure better quality of life of workers.
  - Developing new mechanisms to enable INFONAVIT meet the housing demand of new segments of workers, thus maintaining the pace of loan origination.







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# In 2010, INFONAVIT faced a dual challenge:

- 1. FINANCIAL: Overcome consequences of 2009 crisis, particularly in its lending and collection programs.
- 2. SOCIAL: *Consolidate its Vision,* that aims at improving the quality of life of Mexican workers and their families.

#### **2010 RESULTS: FINANCIAL RESULTS** AMIDST CIRCUMSTANCES OF MARKET RECOVERY FROM 2009 CRISIS, INFONAVIT HAS BEEN ABLE TO FULFILL ITS GOALS



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		GOAL	RESULT	% Achieved
Number of Loans	Mortgages	475,000	475,072	100%
LUans	Co-financing loans	125,000	93,724	75%
USD\$ MILLION	Lending program	USD\$8,298 *	USD\$9,172*	110%
WILLION	Government Subsidies	USD\$238	USD\$308	130%
	Securitization	USD\$1,254 *	USD\$1,228 *	98%
	NPL Ratio	5.0%	5.1%	0.1 pp

**ON TARGET** 

\*/ USD\$1.00 = MXN\$12.3496 (December 31, 2010, Banxico)

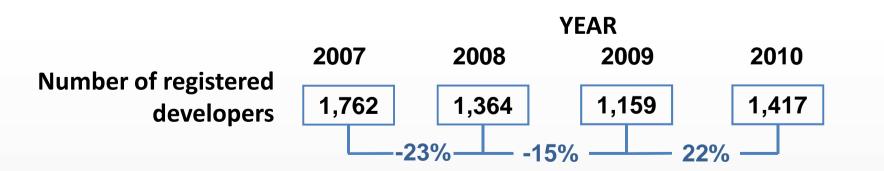
## **2010 RESULTS: MARKET RECOVERY** HOUSING STARTS AND REGISTERED DEVELOPERS



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The housing starts and the number of developers building confirm the industry recovered in 2010.

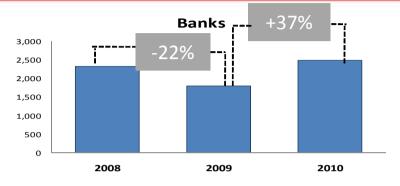
	HOUSING STARTS: Number of houses					
	2008	2009	2009 vs 2008	2010	2010 vs 2009	2010 vs 2008
Q 1	164,280	93,406	-43%	123,928	33%	-25%
Q 2	171,004	110,259	-36%	119,614	8%	-30%
Q 3	177,573	115,496	-35%	100,965	-13%	-43%
Q 4	117,136	125,029	7%	159,211	27%	36%
Total	629,993	444,190	-29%	503,718	13%	-20%

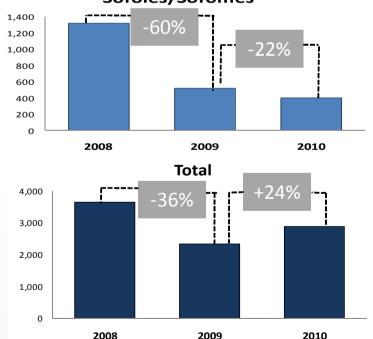


# **2010 RESULTS: MARKET RECOVERY CONSTRUCTION FINACING** (AS OF 10/2010)









Sofoles/Sofomes

- Total construction financing recovered by 24% vs. 2009, driven by banks, as sofoles continued to contract.
- These figures show that support measures implemented in 2010 (eg. "Cartas Garantía") yielded positive results and contributed to strengthen confidence in the housing sector.

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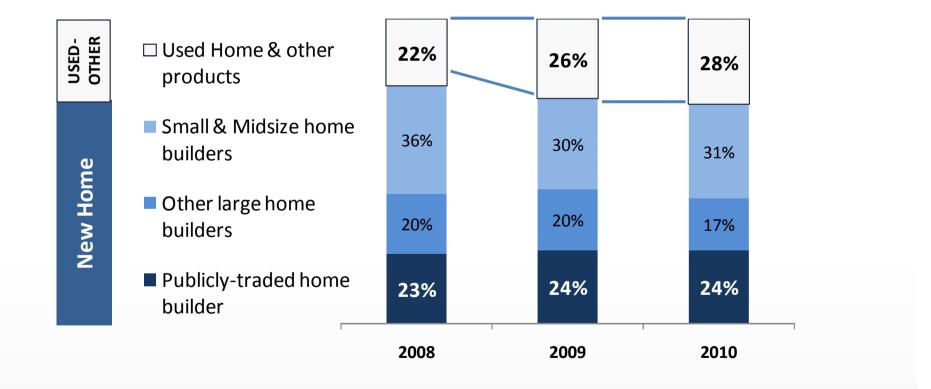
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## **2010 RESULTS: MARKET RECOVERY** HOUSING SUPPLY CONCENTRATION



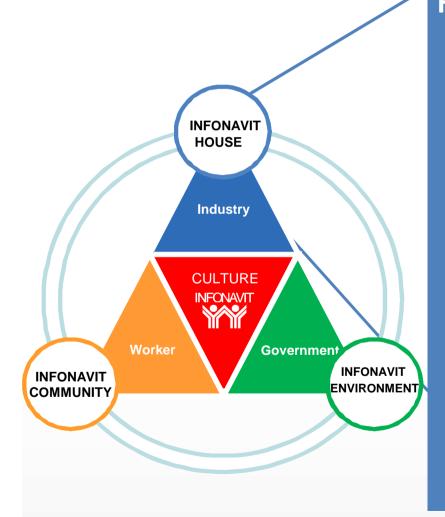


Alternatives to *new home mortgages* continue to rise; however, among the *new home* segment, publicly-traded homebuilders continue to concentrate a large share of total financing by INFONAVIT.



# **2010 RESULTS: SOCIAL RESULTS** INFONAVIT *LIFE QUALITY*: SIGNIFICANT PROGRESS IN KEY INITIATIVES





#### HOME

#### **ACTIONS**

- "Green" mortgage: 169,639 in 2010.
- **Digital homes**: 71,029 houses registered to the pilot program.

#### **RESULTS**

- Customer Satisfaction Index (ISA-JD Power): 79.6% November 10
- **Beyond Banking Award** 2010 by IDB for "Green" mortgage.

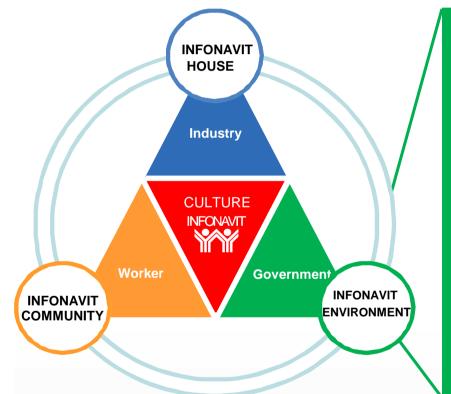
Savings in 2009-2010:

- Workers savings: 25% of home value.
- Government savings: 15% of subsidy.
- CO<sup>2</sup> emissions: 226kTon
  - Equivalent of 4 days without cars in Mexico City.
- Water: 21.7 million m<sup>3</sup>
  - Equivalent to 0.8% of Lake Ontario volume.

#### • Minimum housing area: 32m<sup>2</sup>

# **2010 RESULTS: SOCIAL RESULTS** INFONAVIT *LIFE QUALITY*: SIGNIFICANT PROGRESS IN KEY INITIATIVES





## **URBAN ENVIRONMENT**

#### **ACTIONS**

- Municipal competitiveness assessment program:
  - 118 municipalities and 4 delegations from Mexico City participated.
  - 84 municipalities evaluated.
  - Working with Sedesol, CONAVI, Banobras, IDB and CTS to strengthen joint action plans.

#### **RESULTS**

- 24 municipalities reached the basic level of sustainability.
- Property Taxes Pilot Program in 3 municipalities.

# **2010 RESULTS: SOCIAL RESULTS** INFONAVIT *LIFE QUALITY*: SIGNIFICANT PROGRESS IN KEY INITIATIVES



# COMMUNITY

#### **ACTIONS**

Neighborhood Organization

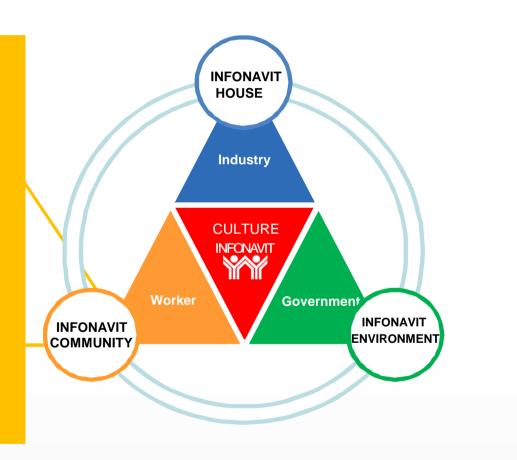
 Labor competency standards of the local professional promoter.

 Community equipment

 100 on-going (Community Block Benchmarking Pilot Program).

#### **RESULTS**

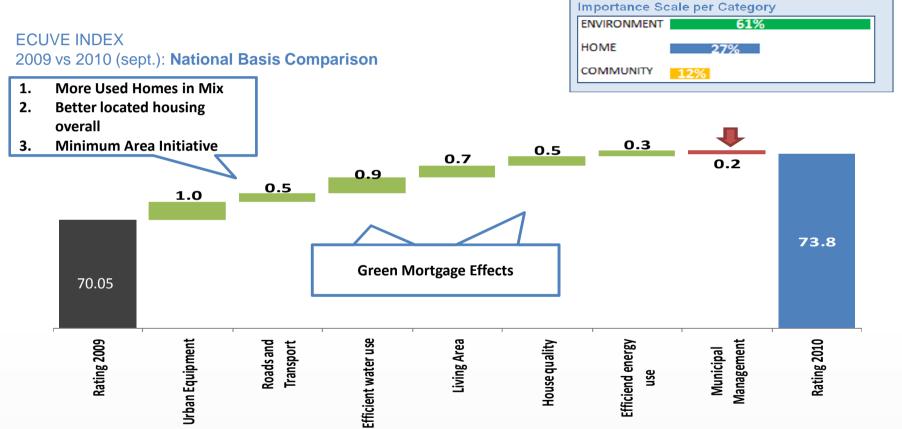
•292 graduates (12/2010).•34 community centers.



#### **2010 RESULTS: SOCIAL RESULTS** *ECUVE INDEX*: HOME AND ENVIRONMENT QUALITATIVE ASSESSMENT



In 2010, the ECUVE Index\* for newly financed homes improved 5%, mainly because of better located homes in the mix and "green" mortgages.



\*ECUVE Index is a metric developed in joint effort with Mexico's Social Development Ministry and the National Housing Council to quantitatively assess Home & Environment qualitative attributes







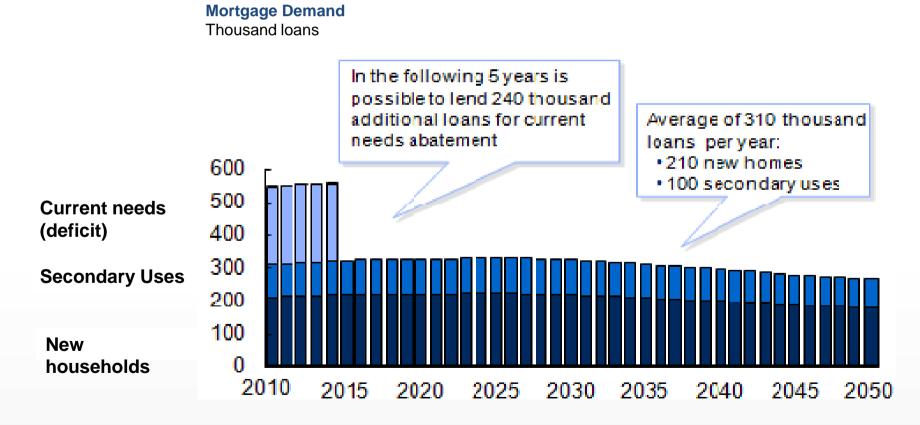
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# **MARKET OUTLOOK** INFONAVIT MORTGAGE LONG-TERM DEMAND PROJECTIONS



Once *deficit* is abated, INFONAVIT's annual demand <u>could set to a new level</u>...

• **Demand Drivers:** Current needs (deficit), New households and Secondary uses (vacational and rental).



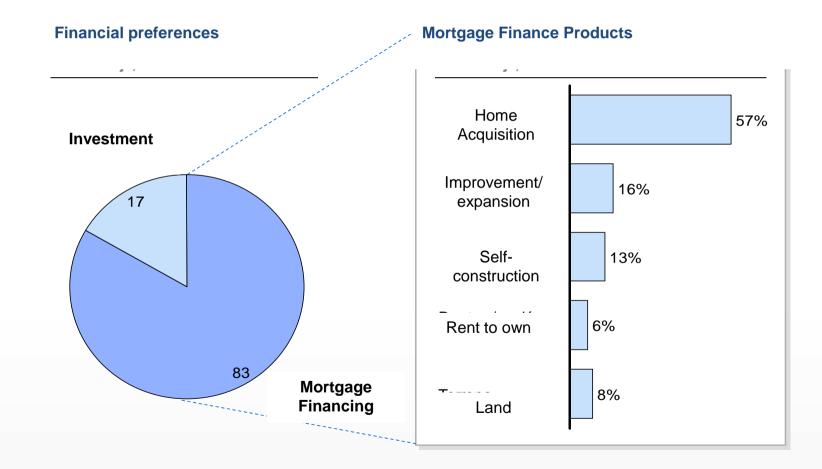
# **MARKET OUTLOOK** CURRENT DEMAND PREFERENCES





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*Home acquisition* financing is not the only interest of affiliated workers...



# **MARKET OUTLOOK**

Demand characterization, 2010-50

**Future Demand products** 

Improvement / expansion

New home Acquisition

Used home Acquisition

Rent to own

Self-construction

Land purchase

Total attendible

Saving products

Total afiliates

#### **INFONAVIT MORTGAGE LONG-TERM DEMAND & PREFERENCE PROJECTIONS**

8.7

New

Homes

3.3

1.4

0.8

0.5

1.0

0.7

7.7

1.0

8.7

3.2

Current

needs

1.1

0.3

0.4

0.3

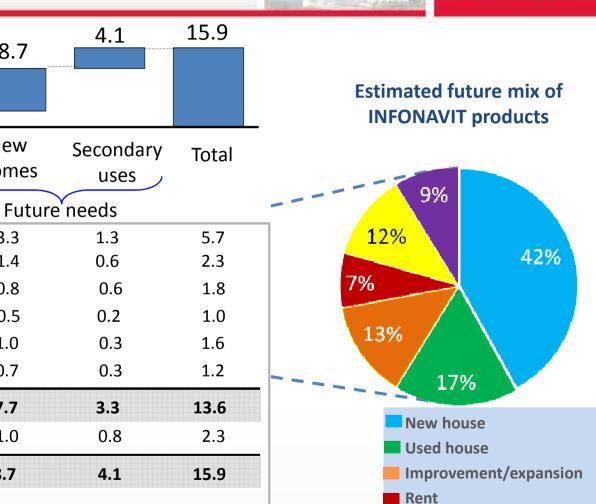
0.3

0.2

2.7

0.5

3.2



SOURCE: ENGIH; CONAPO; ENAVI survey

\* Million loans

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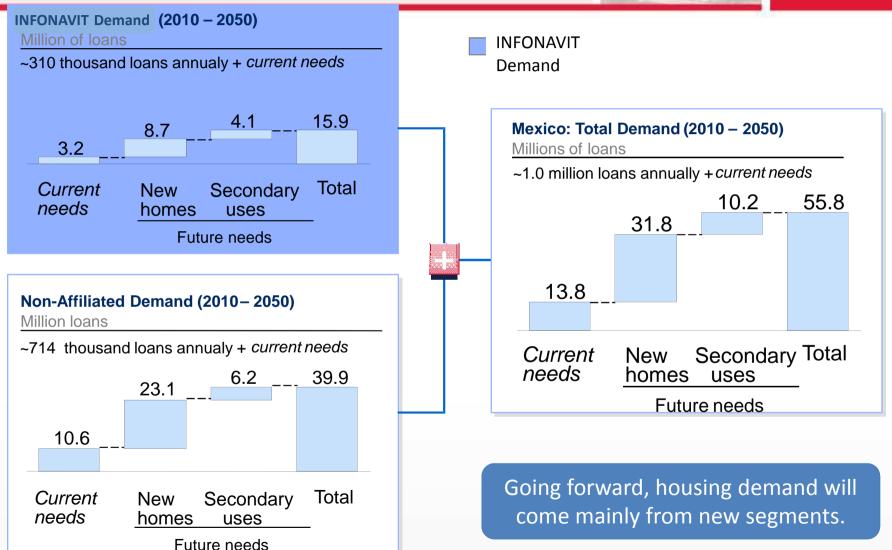
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Self-construction

Land

## MARKET OUTLOOK INFONAVIT MORTGAGE LONG-TERM DEMAND PROJECTIONS: NEW SEGMENTS





# **MARKET OUTLOOK** NEW ORIGINATION MODELS FOR NEW SEGMENTS







INFONAVIT is already operating a pilot program nationwide called "**Infonavit para Todos**", that brings opportunities to housekeepers, gardeners, chauffeurs and other domestic workers to become INFONAVIT affiliates in order to qualify for mortgage loans.

A marketing campaign was launched on December.









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#### **NEW STRATEGIC FOCUS**

ONCE THE OPERATIONAL AND SCALE CHALLENGES HAVE BEEN SORTED OUT. **INFONAVIT NEEDS TO SET A NEW DEFINITION FOR SUCCESS** 

#### Latin America

#### MEXICO

#### **CAN FOX MAKE MEXICO A NATION OF HOMEOWNERS?**

The first task: vastly boost mortgage lending

Each year, 700,000 weddings take place in Mexico. The vast majority of these newly married couples have nowhere to live and start out bunking with inlaws. Many will go on to build their own homes, one cinder block at a time. A lucky few may eventually qualify for a government-subsidized mortgage. Only the wealthiest will be able to buy a house outright, usually with the help of relatives.

With Mexico's baby boomers now coming of age, the housing shortfall is estimated at some 6 million. Mexico's new president, Vicente Fox, has vowed to attack the problem. His ambitious goal: to more than double con-



deepen the pool of capital available to public and private home lenders.

To make mortgage-backed securities attractive to institutional investors, including Mexico's pension funds, the government will initially have to act as a guarantor, says Romero. In time, that role could be assumed by a national mortgage bank, along the lines of Fan-nie Mae in the U.S. "It has been proven that no country on the planet has been able to generate a secondary market for mortgages without the selective temporary intervention of the government." Romero savs.

Still, there are plenty of hurdles. Fo starters, it's still unclear who is i charge of Fox's housing policy, since Romero was recently appointed to head the national export development bank Bancomext, Besides, creation of a sec ondary market for mortgages may be hampered by the poor quality of existing credits. Delinquency rates at the largest government housing program Infonavit, run at 23%, while some banks saw their share of nonperforming loans surge to as high as 40% in the after math of the peso crash. What's more the courts frown on foreclosures, so creditors' chances of recouping assets in cases of nonpayment is virtually nil. Mexican banks are only now begin

ning to grant new mortgages after six-year hiatus. And this time around they are being extremely cautious. Ban ca Serfin, for instance TIGHT MARKET: requires

> ast \$3,500-a stagng sum in a coun where annual GDI capita is under director of con-

n, estimates banks billion this year 00 homes. involved in securiti ready pioneers. In

uires borrowers nthly income to be Casita, a mortgage \$18 million in 10says Donald INFORMAVIT

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"10 years ago, **INFONAVIT's** challenge was to erradicate inefficiency and ramp up its financial and operational capacity to abate the deficit and meet demand"

viser on housing, José Luis Romero, maintains it's the right prescription: "We have to stop fearing the words [government] guarantee and subsidy," he says.

A key goal of the reforms is to bolster Mexico's anemic mortgage market, which now revolves almost entirely around government-financed programs targeted at the lower class. Members of the middle class, in contrast, have been unable to get bank mortgages since the December 1994 peso devaluation, which sparked a massive wave of debt defaults. According to Softec, a Mexico City real estate consultancy,

going is if you can securitize," says year securities backed by future mort-Christopher Albi, Latin American housing analyst at Merrill Lynch

JANUARY

15,

& Co. in New York. That means bundling some of Mexico's \$50 billion in outstanding public and private mortgage loans into tradable securities with an interest vield high enough to attract institutional investors. In turn, the money raised from the sale of this paper would



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# **NEW STRATEGIC FOCUS** 2000 - 2010 HIGHLIGHTS





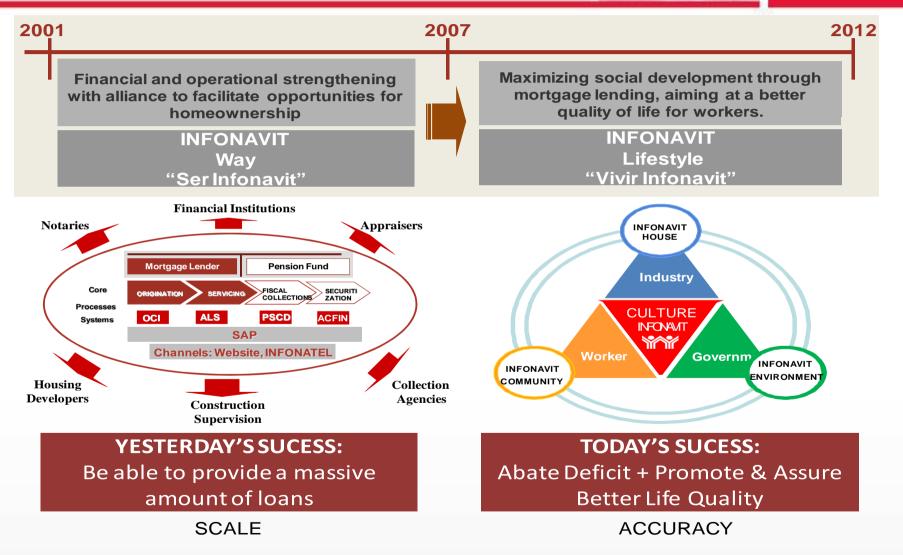
- Loan investment since 2000 reaches up to USD\$77.4 billion.
- Co-financing products with private sector have originated more than 542,000 loans.
- Currently, more than 20% of Mexican population lives in a home that INFONAVIT financed.
- To serve the low income population, INFONAVIT lent more than one million loans for affordable housing.
- In the last 3 years, more than 292 thousand families have benefited with water, energy and electricity savings in their monthly payments through "green" mortgages.
- INFONAVIT has raised USD\$5.1 billion through securitization, to fund 332,000 loans.

Figures in USD\$ million	2000	2010	Change	Loans ori	•
Cash flow	2,602	9,088	249%		3,936,632
Net profit	236	821	247%		
Total assets	19,087	53,874	182%	2,000,000	
Equity	1,650	5,654	243%	2,000,000	
NPL ratio	21.7%	5.1%	16.6 pp		
LLP / NPL	81%	245%	164 pp		
Securitization	-	1,229			

\*/ USD\$1.00 = MXN\$12.3496 (December 31, 2010, Banxico)

#### **NEW STRATEGIC FOCUS** *LIFE QUALITY ASSURANCE* & *TOTAL DEFICIT ABATEMENT* ARISE AS THE NEW DEFINITION OF SUCCESS





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# **NEW STRATEGIC FOCUS**

#### FORESEEN INITIATIVES TOWARD STATED OBJECTIVES





#### **DEFICIT ABATEMENT**

- Targeted Loan Program Allocation (Regional and by worker segment)
- **Diversified Product Portfolio:** Beyond mono-product (Home Acquisition Financing)
- Need-based oriented processes
- Improved Subsidy Policy
- Foreclosed Housing Sale Program

#### **BETTER LIFE QUALITY**

- Sustainability Unbounded Program
- Mandatory Green Flexible Attributes: in all homes financed
- Sustainability-Driven Loan Collection Processes
- Life Quality Minimum Standard
- **Community Rescue Programs:** in coordination with Government and Private Sector.

## **NEW STRATEGIC FOCUS**

#### SUSTAINABILITY UNBOUNDED: A PROGRAM DEVISED TO INCENTIVIZE BETTER-SUITED HOUSING



Prosperous enviorment		Housing Quality		Responsible and coheseve communities		
Services	Kindergarten or Primary school or Medical center < 2Km and Transport services < 0.8km	Walkable	Paved roads, Sidewalks, Public lightning	Community center	Community center for residential complex > 5000 inhabitants or sport court > 1400 inhabitants	
Amenities	Market or departm. store < 2km and Small garden or square < 0.3km	Dense	Home complex with more than 50 houses per hectare	Community organizer	Maintenance fee and/or property taxes to Infonavit. Both schemes require a	
e Productive	Housing located in Zip code with formal jobs	🌲 Inclusive	Mixed housing by developer at state level (previous 6 months) at least 10% to <2 TMW and at least 40% to <4 TMW	Community maintenance	community organization and neighborhood professional developer management. Property taxes mechanisms work only within municipalities with BLS	
Version Planned*	Municipality evaluated with Basic Level of Sustainability (BLS)	Spacious	House surface larger than 38 sq. meters (409 sq.feet)	Property tax		
No Vibrant	Outsde 15 municipalities with highest level of unoccupied homes, except for those with BLS	<b>@@</b> Green	Eco-home with/without Green mortgage + saving energy devices	Informed decision	Informative course about INFONAVIT products and sustainable homes looking	
		Digital	Digital homes by developers		after the best selection of homes in terms of loans	
Best Developers						
Developer with ISA > 75, or Housing Quality Index > 72         Positevely post-evaluated         *Not a requirement yet           **Required only in municipalities with BSL						

The Institute will promote via incentives, homes that comply to its current definition of *Sustainable Housing*. The Goal in 2011: <u>100,000 sustainable homes</u>.

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## FINANCIAL PROJECTIONS 2011 PROGRAM





Based on its funding projections for 2011, INFONAVIT could finance up to 480,000 loans.

Wage level	Base scenario	
Less than 4 TMW	290,000	35,000 additional loans are
From 4 to 11 TMW	120,000	considered in the Potential Scenario, raising the total up to
More than 11 TMW	40,000	515,000
"Apoyo Infonavit" Program	30,000	Objectives
Total	480,000	<u>Objectives:</u> New housing: (300 – 340) thousand
TMW: Times the Minimum Wage		Used housing: (80 – 120) thousand

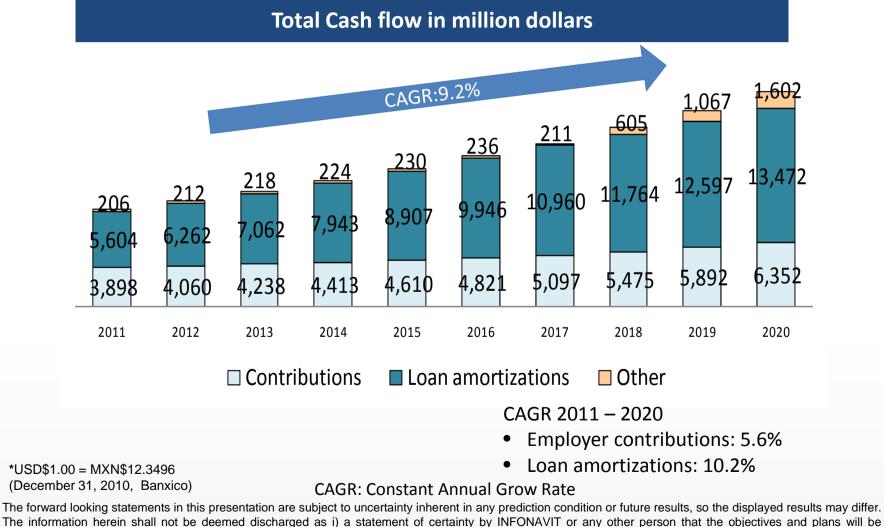
# 2011 +: New Products, Segments & Channels.

# FINANCIAL PROJECTIONS CASH INFLOW 2011-2020





Ordinary income is projected to grow around 9% annually.



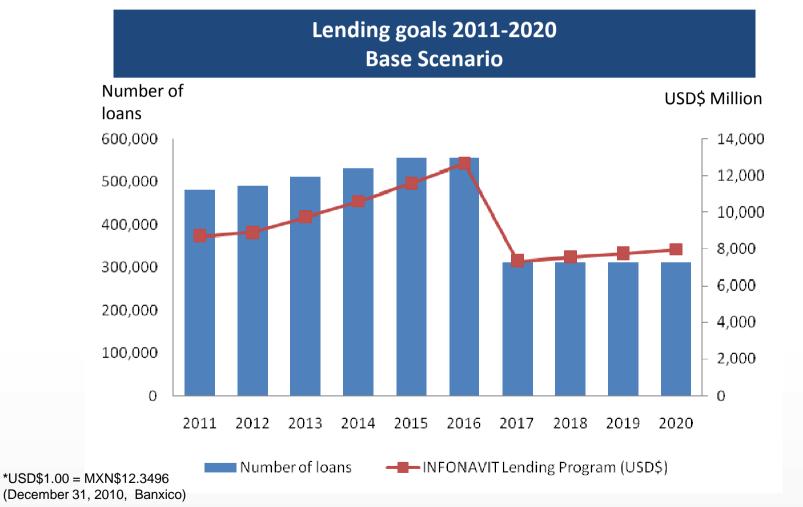
achieved and ii) an offer for sale of any security issued by INFONAVIT.

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# **FINANCIAL PROJECTIONS** LENDING GOALS 2011-2020 (BASE SCENARIO)

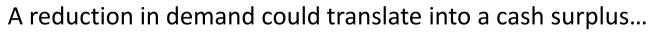


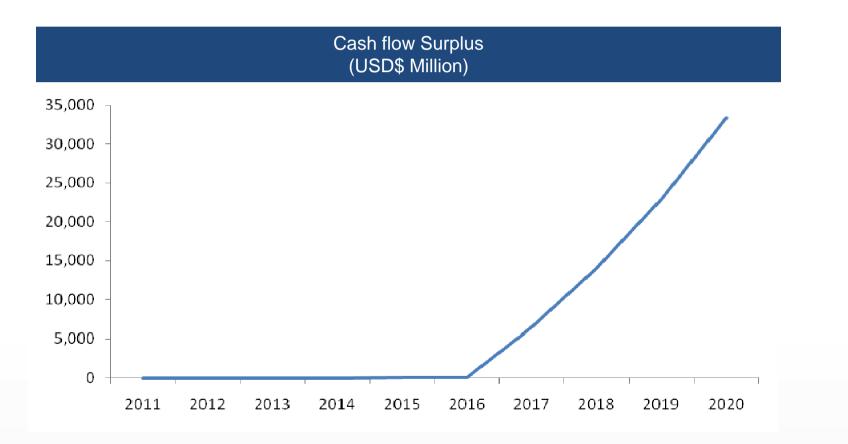
As deficit is abated, the demand is expected to decrease in the formal market.



## FINANCIAL PROJECTIONS LIQUIDITY 2011-2020 (BASE SCENARIO)





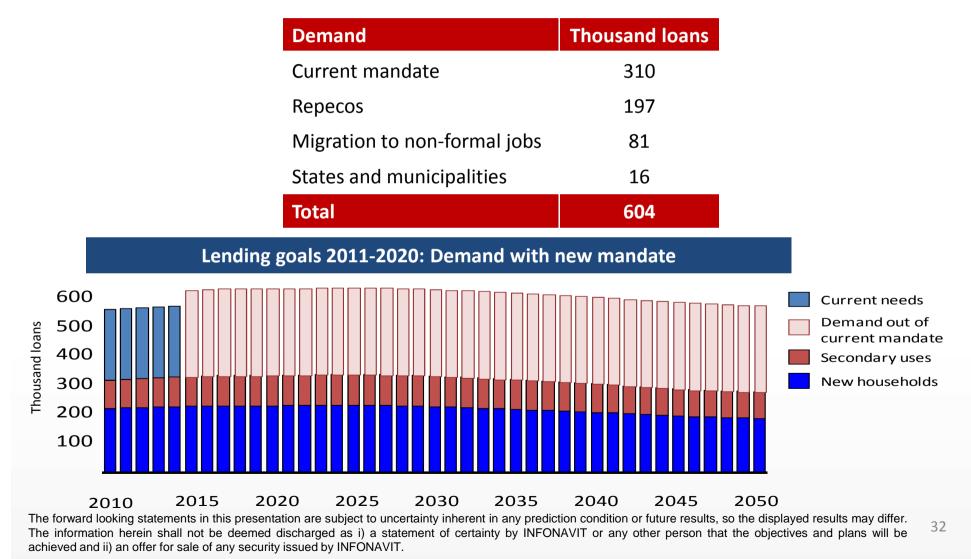


# **FINANCIAL PROJECTIONS** LENDING GOALS 2011-2020





However, changes to the legal mandate could increase loan demand significantly.







- Infonavit expects to maintain the pace of its lending program in the short term and projects to maintain a healthy growth of its ordinary income
- However, for the long-term, loan demand from Infonavit's affiliates is expected to decline within the next 5-6 years, given the current rate of abatement of the housing deficit of this group of individuals and the rate of formal household creation
- Such a decline would result in a reduction of its lending program and, therefore, in accumulation of cash surplus
- A potential modification of Infonavit's legal mandate could allow the institution to serve new segments of the population, thus maintaining the pace of loan origination at around 500-600 thousand loans per year

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#### FINAL REMARKS

#### GUIDING PRINCIPLES OF INSTITUTIONAL TRANSFORMATION, 10 YEARS OF ACCUMULATED LEARNING



- 1. "Collaborate with the market but use incentives as key to guide its action"
- "With the private sector, it's better to collaborate than to collide, for the benefit of workers."
- 3. "To accelerate productivity, it is necessary to rely on external strategic suppliers"
- 4. "For financial strength, orthodoxy is the only prescription. To be creative in all but risk-taking."
- 5. "Also for developing strength and efficiency, the key to success is to persevere, persevere, persevere ..."
- 6. "Transparency is a competitive advantage, its presence eliminates corruption."
- 7. "Technology is a great driver of efficiency but also of transparency."

- 8. "Social initiatives require both capital and financial stability to be pursued."
- 9. "A compelling vision moves people's wills."
- 10. "In the long-term, everything is possible if we achieve a little every day"
- 11. "The most important success factor is people."
- 12. "Different opinions enrich decision-making; tripartism is not an obstacle, but a competitive advantage."
- 13. It takes more of social commitment, social commitment, social commitment... and then, social commitment
- 14. "Politics is a means to achieve a vision, not an objective by itself."
- 15. "We must not only build strong and sustainable institutions, but also ensure knowledge transfer schemes."



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1er. semestre del 2011



