



Feasibility study for the setting up of a Credit Loan Guarantee Scheme (CLGS) for Micro, Small and Medium Enterprises in Yemen



Workshop December 4, 2013 Sana'a, Yemen

OBJECTIVES

- To assess the needs for the setting up of a CLGS for MSMEs in Yemen, and to assess its feasibility under current legal, economic, and political circumstances.
- If the feasibility assessment is positive, to propose a viable structure(s) to set up a CLGS in Yemen.

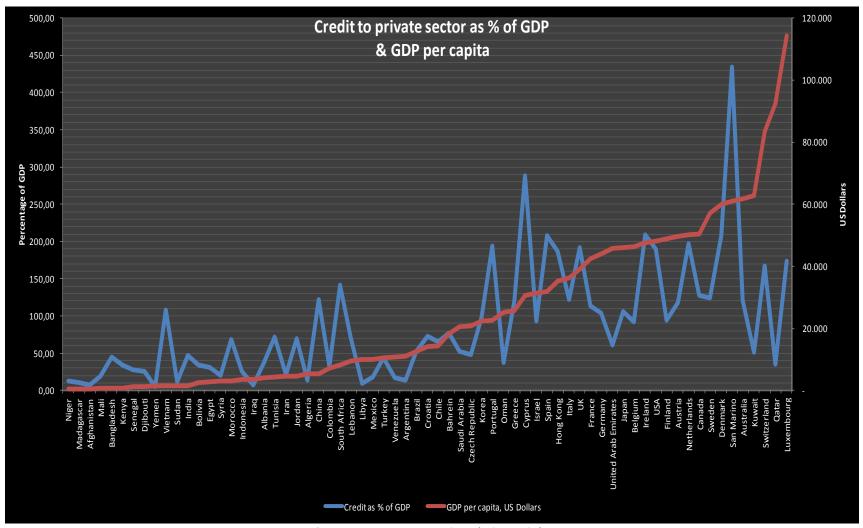
PRELIMINARY FINDINGS

- Yemen remains one of the poorest of the world's low-income countries; more than 45 percent of the population lives in poverty
- Unemployment is very high
- Declining oil reserves and water shortages
- Chronic challenges from secessionists, unruly tribes and Islamist extremists
- Judicial system in Yemen not efficient
- Corruption is everywhere!!
- The banking sector, in particular, is underdeveloped
- The economy is cash based
- Banking sector is profitable despite high NPL ratio of 23.5% (78.2% of NPLs covered by provisions)
- Strong microfinance network

IMPORTANCE OF THE FINANCIAL SECTOR

- The absence of a robust credit market is one of the most significant impediments to development in developing countries.
- Economic activity is severely limited by the difficulties of entrepreneurs, small businesses and individuals to access to loans under market conditions.
- Credit to the private sector plays a very important role in economic growth and developed countries show higher rates of growth, largely due to the fact that they have a much more developed financial sector.
- The result is an increase in per capita income.





Source: IMF, International Financial Statistics, Bankscope 2011



MICRO, SMALL AND MEDIUM SIZE ENTERPRISES

PROYECT DEFINITION OF MSMSs

- Micro enterprises: up to 5 employees
- Small-size enterprises (SEs): up to 10 employees
- Medium-size enterprises (MEs): up to 50 employees

CHARACTERISTICS OF MICRO, SMALL AND MEDIUM SIZE ENTERPRISES

- MSMEs constitute an important segment of the economy in all countries for their contribution to national productivity, employment generation and poverty reduction.
- MSMEs are much more flexible than large corporations, they adapt faster to economic and social changes and they are found in almost all activities.
- MSMEs require less capital to start up and they are usually the idea of a young entrepreneur, willing to risk his/her small savings.



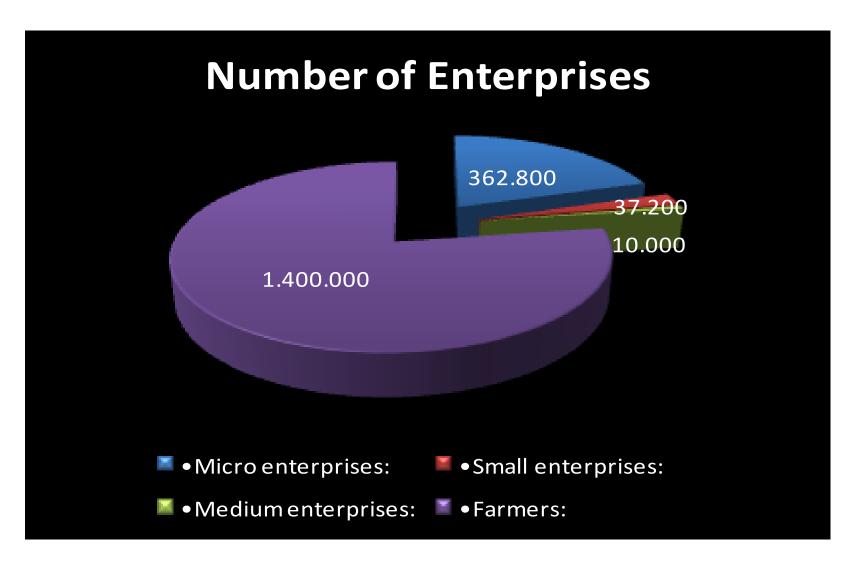
| ROLE OF SMEs in selected countries | | | | | | |
|------------------------------------|-----------------------------------|---------------------|--|--|--|--|
| Country | Share as a % of total enterprises | Share in employment | | | | |
| Argentina | 99 | 80 | | | | |
| Bahrain | 96 | 31 | | | | |
| Brazil | 98 | 77 | | | | |
| Canada | 98 | 64 | | | | |
| Chile | 98 | 31 | | | | |
| Colombia | 94 | 70 | | | | |
| El Salvador | 99 | 78 | | | | |
| France | 99 | 57 | | | | |
| Germany | 99 | 66 | | | | |
| Greece | 99 | 91 | | | | |
| Japan | 99 | 79 | | | | |
| Jordan | 93 | 41 | | | | |
| Korea | 99 | 78 | | | | |
| Lebanon | 99 | 78 | | | | |
| Mexico | 98 | 65 | | | | |
| Peru | 99 | 55 | | | | |
| Syria | 98 | 91 | | | | |
| Taiwan | 96 | 68 | | | | |
| Thailand | 98 | 74 | | | | |
| USA | 99 | 53 | | | | |
| Venezuela | 96 | 32 | | | | |
| Yemen | 99 | <i>73</i> | | | | |

Source: Importance of SMEs and growth obstacles World Business Environment Survey, 2010, World Bank

MAIN CONSTRAINTS FOR THE DEVELOPMENT OF MSMEs

- MSMEs lack access to advanced technologies, world markets, financial capital and managerial skills.
- These are the main objectives of public policies all over the world, supported by multilateral organizations.

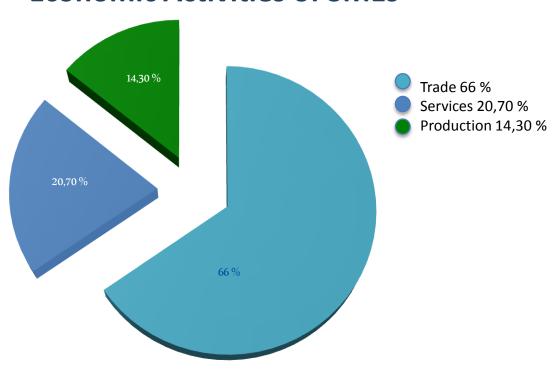




Source: IFC- Report – 2007



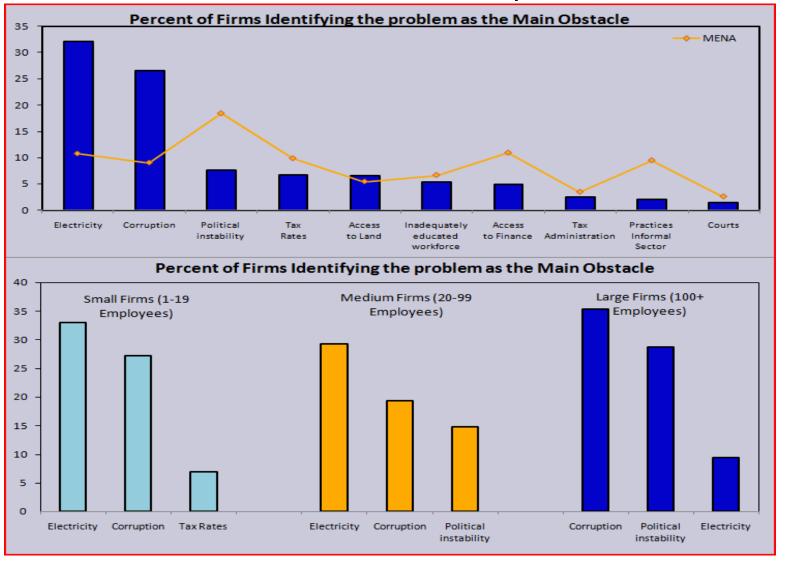
Economic Activities of SMEs



Source: IFC- Report – 2007



Main Constraints to their Development in Yemen



RELATIONS WITH THE FINANCIAL SECTOR

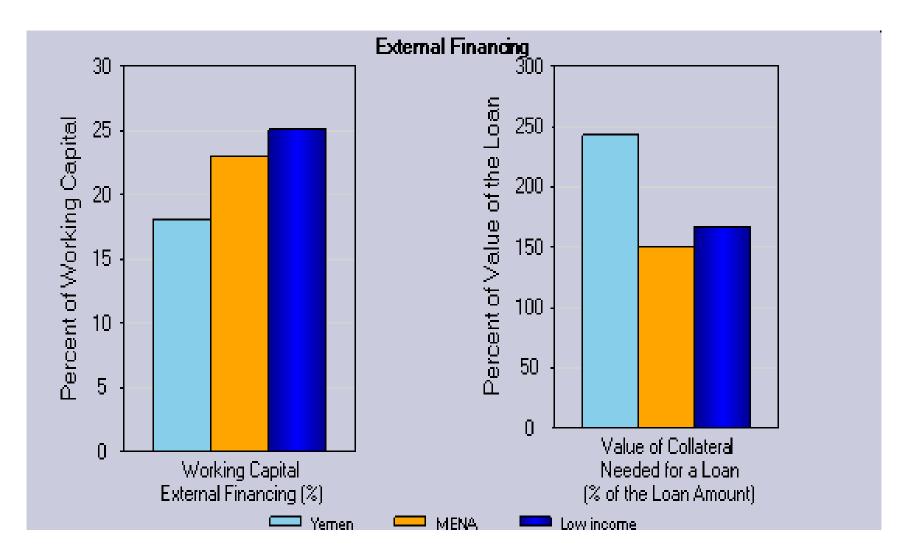
- Most small entrepreneurs lack any information about financial products and services.
- Yemeni commercial banks do not actively market services to MSMEs and have a reputation of serving only the big companies and big families of the country.
- A significant number of micro and small business owners are unaware even of the existence of formal loans.
- An even greater number are unaware that they might qualify for a loan, whether with a bank, a microfinance institution (MFI), or the government's Small Enterprise Development Fund (SEDF).

Source: IFC "ASSESSMENT OF MSE FINANCIAL NEEDS IN YEMEN FINAL REPORT" DECEMBER 2007

DIFFICULTIES TO FINANCE GROWTH

- The biggest obstacles to obtaining formal loans is lack of a guarantee (59.5 percent of the interviewed by IFC, 2007)
- high interest rates (46.4 percent)
- religious reasons (45.8 percent)
- 52.6 percent of the enterprises surveyed would like to obtain a loan in the future.
- Overall MSE loan demand in Yemen was estimated at USD 526 million.

SMEs FINANCE



SMEs FINANCE INDICATORS

| | Finance Indicators | | | | | |
|--|--------------------|-------------|--------|-------------|-------------|------------|
| INDICATOR | Yemen | Small Firms | Medium | Large Firms | Middle East | Low income |
| Internal Finance for Investment (%) | 87.5 | 89.3 | 78.4 | 85.9 | 74.8 | 81.3 |
| Bank Finance for Investment (%) | 2.3 | 0.0 | 11.7 | 11.1 | 12.8 | 8.3 |
| Credit Financing for Investment (%) | 8.7 | 9.7 | 5.6 | 1.6 | 3.2 | 2.8 |
| Equity, Sale of Stock For Investment (%) | 0.4 | 0.0 | 2.4 | 0.1 | 2.0 | 2.6 |
| Other Financing for Investment (%) | 1.1 | 1.0 | 1.9 | 1.3 | 7.4 | 5.0 |
| Working Capital External Financing (%) | 18.1 | 16.3 | 33.4 | 28.6 | 23.0 | 25.1 |
| Value of Collateral Needed for a Loan (% of the Loan Amount) | 242.9 | 117.9 | 512.8 | 121.1 | 150.9 | 167.4 |
| % of Firms With Bank Loans/line of Credit | 8.1 | 5.7 | 24.1 | 39.1 | 29.4 | 22.3 |
| % of Firms With a Checking or Savings Account | 31.3 | 24.8 | 80.0 | 94.6 | 79.7 | 81.6 |
| Enterprise Surveys: YEMEN - 2010 The World Bank | | | | | | |



FINANCIAL SECTOR IN YEMEN



14 commercial banks (10 private banks, 4 public sector banks) and 3 Islamic banks

12 MFIs under the umbrella of SMED + a number of NGOs

No leasing companies in existence

4 pension funds serving different sectors of the economy

Supervisory Body: Central Bank of Yemen

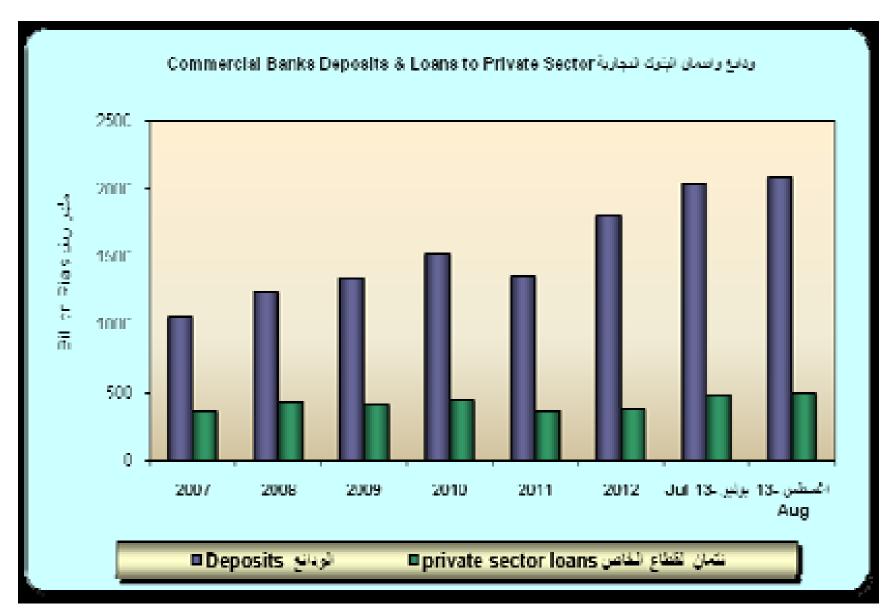
BALANCE SHEET OF BANKS

- The consolidated balance sheet of commercial and Islamic banks at the end of August 2013 amounted to 2,608.3 billion Rials
- Total credits and loans to the private sector amounted to 491.7 billion Rials
- Treasury bills and Repos operations amounted to 1,059.6 billion Rials
- Total deposits amounted to 2,074.5 billion Rials at the end of August 2013
- The consolidated equity was 533.8 billion Rials

THE CREDIT MARKET IN YEMEN

- The credit market in Yemen has only a limited size: Loans to the private sector are less than 6% of GDP, compared to 13% to the Government.
- In addition, loans amount to less than 30% of deposits and deposits are only 20% -25% of GDP.
- There is excess liquidity to attend the needs of MSMEs.
- With 210,400 MSMEs seeking to obtain a loan, of which, existing institutions served only 5.9% of the market at that time, overall MSME loan demand in Yemen was estimated at USD 526 million, using an average of USD 2,500 per loan (IFC-Report 2007).

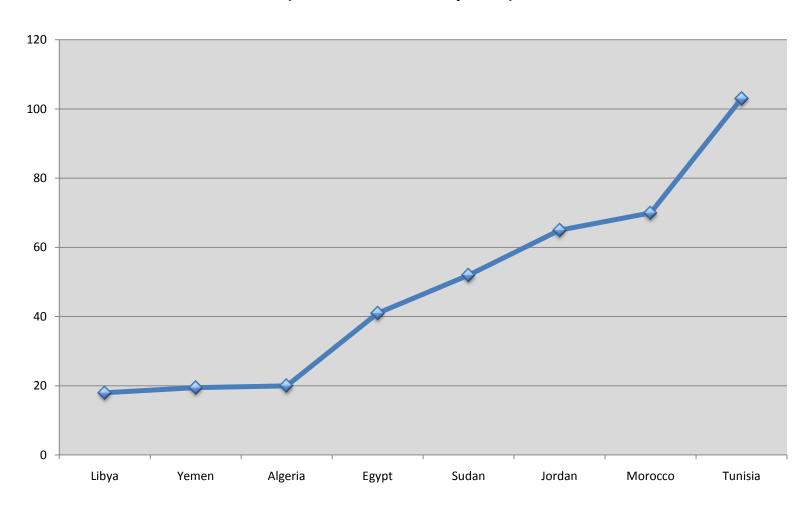




Source: CBY



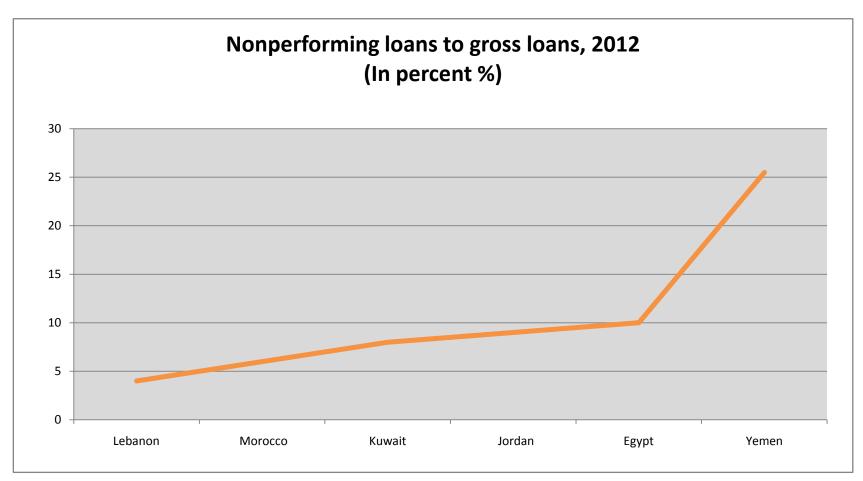
Private Sector Credit, 2012 (Percent of total deposits)



Source: Enterprise Surveys: YEMEN - 2010 The World Bank







Source: Enterprise Surveys: YEMEN - 2010 The World Bank

Banks Performance

| Date | 31.12.2009 | 31.12.2010 | 31.12.2011 | 30.09.2012 |
|--|------------|------------|------------|------------|
| Capital adequacy: | | | | |
| Risk-weighted capital adequacy ratio | 14,60% | 20,20% | 24,30% | 24,40% |
| Capital (net worth) to Assets | 8,20% | 9,30% | 10,60% | 9,50% |
| Portfolio quality: | | | | |
| Nonperforming loans to total assets | 3,50% | 4,20% | 4,70% | 4,50% |
| Nonperforming loans to gross loans | 13,90% | 17,70% | 21,20% | 23,50% |
| Nonperforming loans net of provisions to capital | 11,80% | 19,20% | 12,90% | 10,30% |
| Provisions against problem loans / problem loans | 70,30% | 57,00% | 70,60% | 78,20% |
| Total capital and reserves / problem loans | 251,40% | 223,70% | 227,50% | 211,50% |
| | | | | |
| Portfolio performance : | | | | |
| Average return on assets | 0,90% | 1,30% | 1,50% | 0,90% |
| Average return on equity | 9,60% | 14,10% | 14,20% | 9,50% |
| Interest margin to gross income | 33,40% | 30,50% | 33,40% | 29,50% |
| Noninterest expenses to gross income | 26,40% | 21,90% | 23,60% | 21,50% |
| Trading and fee income to gross income | 7,70% | 14,10% | 12,00% | 8,90% |
| | | | | |
| Source: Central Bank of Yemen | | | | |

POSSIBLE EXPLANATIONS

- Poor risk evaluation techniques at banks?
 (Technical Assistance in capacity building for financial institutions in the areas of credit evaluation and risk management could help)
- Better investment opportunities (Treasury bills?)
- Difficulties to recover collateral (legal procedures?)
- Corruption?
- Banks are Family businesses?

HOW CAN CREDIT GUARANTEE SCHEMES HELP IMPROVE THIS SITUATION?

- By sharing the risk with banks, credit to SMEs becomes a profitable business
- Their guarantees complement the collateral offered by SMEs
- They help improve risk assessment of credits
- Improve collection of bad loans



| Country | Institution | Year | Leverage |
|-----------|---------------------|-------------|--------------|
| - | | Established | |
| Japan | CIC & NFCGC | 1937 | 15 (1995) |
| Germany | Bürgschaftsbanken | 1954 | 26 (1994) |
| France | SOFARIS | 1971 | 22 (1995) |
| Malaysia | CGC Berhad | 1972 | 8.0 (1995) |
| Taiwan | SMBCGF | 1974 | 10.0 (1994) |
| Korea | KCGF | 1976 | 15 (1995) |
| Perú | FOGAPI | 1979 | 13.8 (2001) |
| India | DICCG | 1981 | 11 (1994/95) |
| Colombia | FNG | 1982 | 10.4 (2009) |
| ACCION | Bridge Fund | 1984 | 1.4 (2001) |
| RAFAD | Asistencia Suiza | 1985 | 3.5 (1994) |
| Rumania | RLGF | 1993 | 1.5 (2000) |
| Croatia | HGA | 1995 | 20 (2001) |
| Brasil | SEBRAE | 1995 | 1.9 (2001) |
| Argentina | FOGABA | 1995 | 0.5 (2001) |
| México | Nacional Financiera | 1997 | 5.0 (2001) |

Source: The World Bank



MENA Partial Credit Guarantee Schemes

| | | | | Shareholders (%) | | | |
|-----------|---------------------------------------|---------------|---------------------------|------------------|-------|-------|--|
| Country | Name | Starting date | Equity Million US\$ | Government | Banks | Other | |
| | | | | | | | |
| Egypt | Credit Guarantee Company | 1991 | 52 | - | 90 | 10 | |
| Jordan | Jordanian Loan Guarantee Corp | 1994 | NA | 60 | 14 | 20 | |
| Iraq | Iraqi Company For Bank Guarantees | 2007 | 12 | - | 100 | - | |
| Lebanon | Kafalat | 1999 | 50 | 37.5 | 62.5 | - | |
| Morocco | Caisse Centrale de Garantie | 1949 | 75 | 100 | - | - | |
| Palestine | European-Palestinian Credit Guarantee | 2005 | 40 | 100 | - | - | |
| Saudi | Saudi Industrial Development Fund | 2005 | 57 | 50 | 50 | - | |
| Syria | Loan Guarantee Institution of Syria | 2010 | 10 | 94 | - | 6 | |
| Tunisia | Sotugar | 2003 | 48 | 100 | - | - | |
| UAE | Khalifa Fund | 2010 | NA | 90 | 10 | - | |

Source: A REVIEW OF CREDIT GUARANTEE SCHEMES IN THE MIDDLE EAST AND NORTH AFRICA REGION, The World Bank

YOUSSEF SAADANI, ZSOFIA ARVAI AND ROBERTO ROCHA* OCTOBER 2010

TYPES OF GUARANTEE FACILITIES (I)

Program

Public guarantee schemes are established by public policy, nationally or internationally and usually involve state subsidies, especially during the initial periods, and are typically managed by an administrative unit of a government. An advantage of this system is that, in case of loan default, the guarantee is paid out directly from the government budget, although political influence can be an issue. These are often called "unfunded" guarantee facilities.

TYPES OF GUARANTEE FACILITIES (II)

Corporate

Corporate guarantee schemes are generally financed and operated by the private sector, e.g. banks, chambers of commerce, and can often be a public-private partnership. Corporate guarantee schemes have the advantage of being managed by experienced corporate leaders, and generally benefit from the direct participation of the banking sector. By accessing private funding, these schemes reduce the dependency on public funds, which can sometimes be unstable. These facilities are often referred to as "funded" guarantee facilities.

TYPES OF GUARANTEE FACILITIES (III)

Mutual

These schemes are also known as mutual guarantee associations, societies or funds. They are private and independent organizations formed and managed by borrowers, often within an industry segment with limited access to bank loans such as taxi drivers, eye glass manufacturers, etc. Although they are largely funded from membership fees, in many instances, they operate with some form of government support. Mutual guarantee schemes benefit from the active involvement and experience of their members.

PROPOSED STRUCTURE

Description:

- Public-private corporation private sector (70%), GOY through Ministry of Trade and Industry (30%)
- It will be called National Guarantee Fund of Yemen, NGFY
- Non-bank financial institution supervised by the CBY
- Governance structure board of directors, risk, and audit committees
- Will provide guarantees to loans made by financial institutions to SMEs
- The guaranteed portion of the loan will not require provision
- Audited by independent auditor based on international best-practices
- By-laws will define shareholder rights and will isolate NGFY from undue influence from GOY and shareholders

12/15/2013

PROPOSED STRUCTURE

Why a public-private corporation?

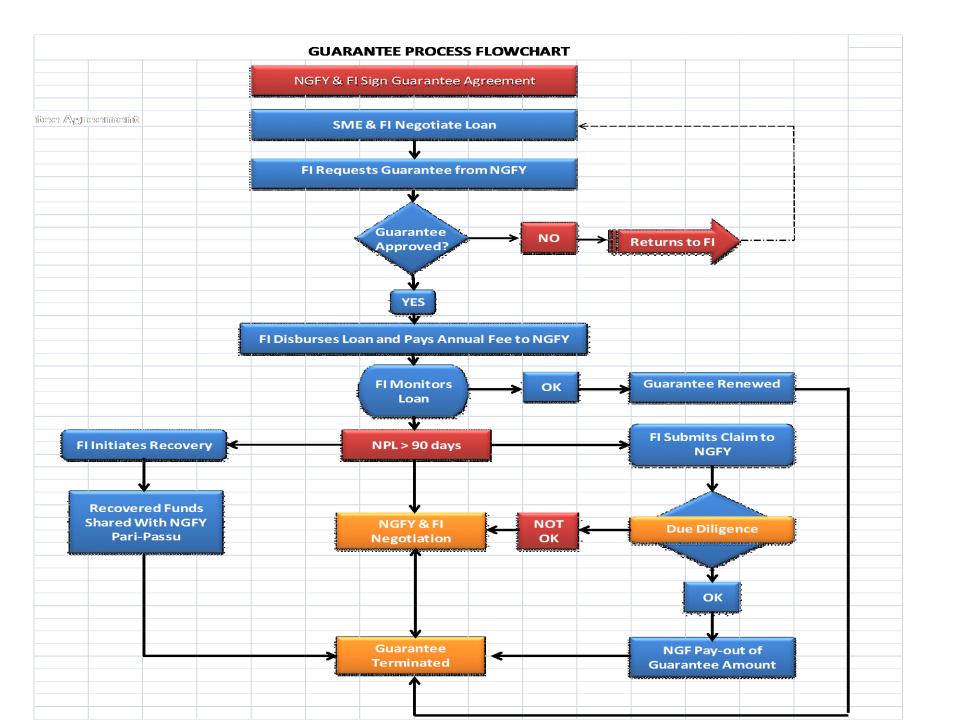
- Mixed model would show cooperation and a commitment to development and promote shared objectives
- Mixed model would reduce need for public sector funding and reduce pressure on Government of Yemen to provide services
- Public sector institution would be more susceptible to political and programmatic influence
- Private sector only institution would be seen more as an extension of the banks
- Yemeni market is too small for other models such as mutual credit societies

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OPERATING MECHANISM

- Financial institutions and National GFY sign a guarantee agreement, including SME eligibility and conditions
- Banks negotiate loans with eligible SMEs, send an application to the NGFY and if approved, banks disburse and then register loans and pay fees with NGFY
- NGFY will pay out guaranteed portion in one sum, 30 days after presentation of claim – Loan is 90 days past due and bank has initiated legal proceedings
- NGFY will conduct audit of files to ensure that all conditions were fulfilled
- Bank will share any recovery with NGFY pari-passu

12/15/2013



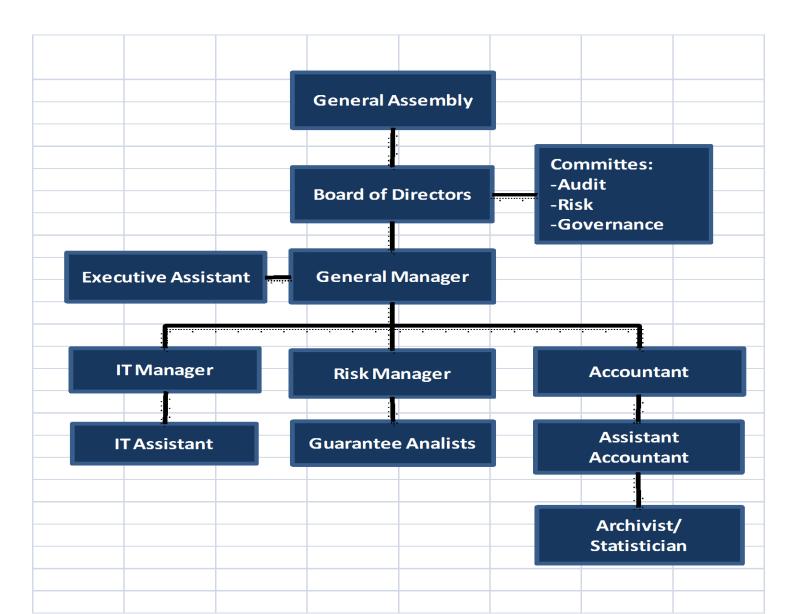


Mechanism cont'd:

- 50% guarantee on loans up to US\$ 100,000
 - So, Maximum Guarantee amount is US\$50,000
 - Special cases can have up to 70% coverage
- All types of legal economic and productive activities undertaken by eligible SMEs
- Special products can be developed for special objectives, ie. Women, vulnerable groups
- Small staff General Manager, Risk Manager, Guarantee Analyst, IT Manager, Accountant, Executive Assistant, Statistician.

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Organizational Chart



FINANCIAL ASSUMPTIONS (I)

- Initial Capital US\$7.5 million
 - \$ 2 million Financial institutions
 - \$1 million Government of Yemen
 - \$0.5 million –Non bank Private sector
 - \$4 million Grant Funding from donors (non equity)
 - Technical assistance will require additional grants from donors

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FINANCIAL ASSUMPTIONS (II)

Revenues:

- Interest revenue from Capital invested in T-bills and/or foreign accounts 5% the first two years, dropping to 3.5% per annum after the fourth year
- Fee revenues from guarantees 1.75% per annum on outstanding loan balance at the beginning of the period

Expenses:

- Operating expenses employees, operations, etc. which will grow 2 percentage points above yearly inflation.
- Pay-out of loan losses —: 5% per annum, starting in the second year of operation, dropping slowly to 4% after the 3rd year of operations
- Taxes: 16% per annum on profits

LEVEL OF ACTIVITY

 Leverage: 8 times the accumulated capital base and funding contributions from non-shareholders

This is the generally accepted current practice for funded programs, with some more institutions moving as high as 10 times.

Guarantees issued

Using the figures for 2012 as the base line, the following number and value of loans could be achieved in the first year of operations:

| Institutions | No of loans | Average amount in US Dollars | total |
|--------------------------------|-------------|------------------------------|------------|
| SEDF (20% of its total loans) | 900 | 4.500 | 4.050.000 |
| Banks (New loans) 20% increase | 1000 | 15.000 | 15.000.000 |
| Sub-total | 1.900 | 10.026 | 19.050.000 |
| MFIs 10% increase | 9.000 | 350 | 3.150.000 |
| Total | 10.900 | 2.037 | 22.200.000 |

 $Source: For \ microenterprises: SFD. \ For \ small \ enterprises: SEDF, \ Plan \ and \ Support \ Needs, \ 2011-\ 2015.$

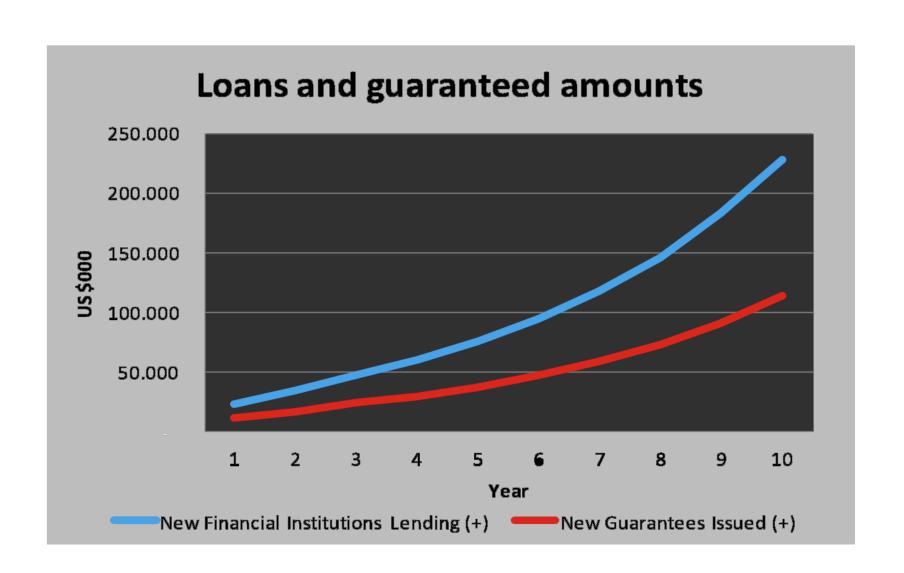
For Medium size enterprises, CBY

GROWTH

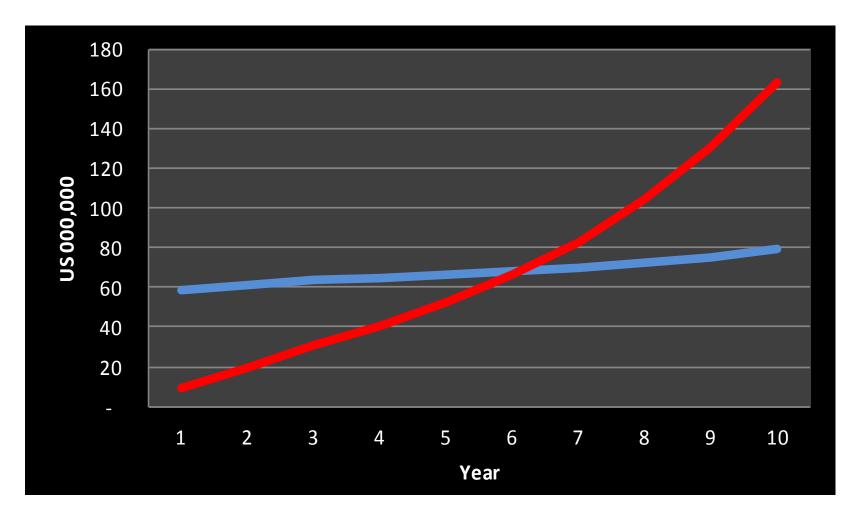
- Bank loans: The guarantee fund will establish a loan range between US\$5,000 and US\$100,000
- **Loan size growth**: The above amounts increase annually by the Gross Domestic Product (GDP) growth plus the inflation of the previous year.
- **Number of loans**: Demand for the guarantees grows quickly initially, at 30% per year, then 20% per year, reducing to 10% per year in the 4th year of operation.
- **Term**: 36 months on average.



Guaranteed loans will grow steadily...

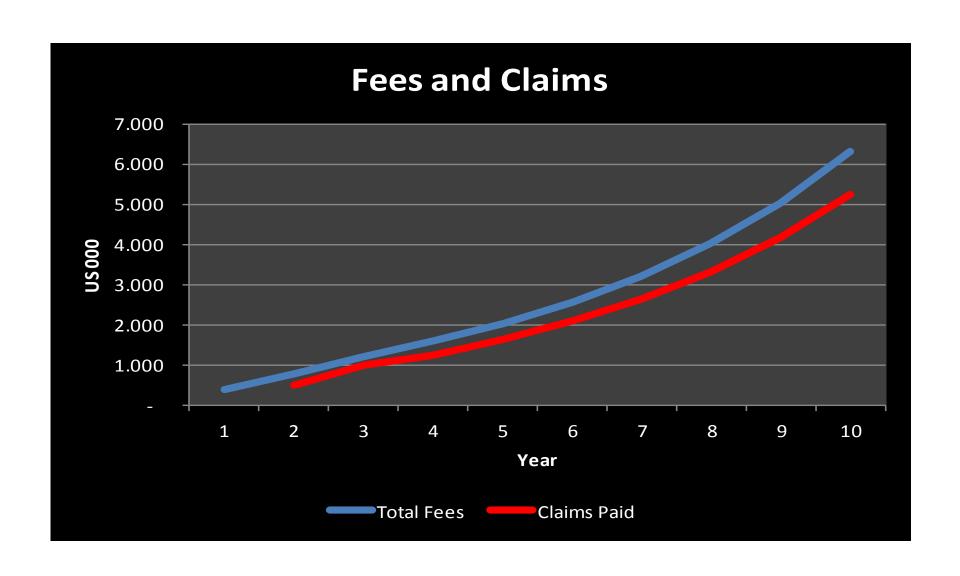


The NGFY will attain the maximum leverage (8 times capital and funding base) in the 6th year after start of operations, and will have supported a cumulative lending amount of US\$1 billion and 33,136 cumulative loans.



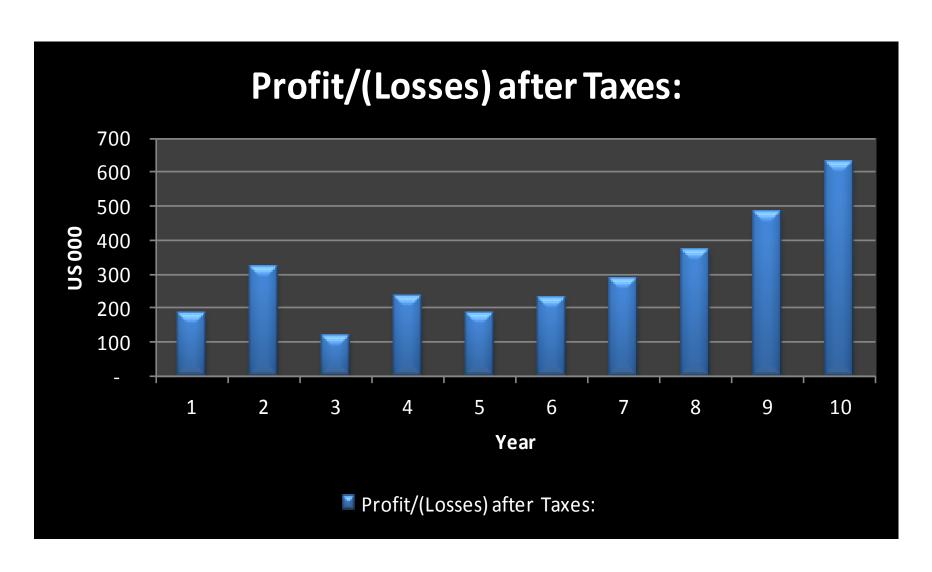


Fees will cover claims





Claims will start around the third year of operations, which will allow the NGFY to capitalize...



FINANCIAL PROJECTIONS

| NATIONAL GUARANTEE FUND OF YEMEN | | | | | | | | | | |
|---|-----------------|---------------|------------|------------|------------|------------|-------------|-------------|-------------|-------------|
| Years | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
| INPUTS: | | | | | | | | | | |
| Inflation Rate* | 8,73% | 9,24% | 8,03% | 7,54% | 7,27% | 7,00% | 7,00% | 7,00% | 7,00% | 7,00% |
| GDP Growth** | 5,4% | 6,6% | 6,5% | 6,3% | 6,0% | 6,0% | 6,0% | 6,0% | 6,0% | 6,0% |
| 1 euro= USD | 1,300 | 1,300 | 1,300 | 1,300 | 1,300 | 1,300 | 1,300 | 1,300 | 1,300 | 1,300 |
| 1\$=YER | 214,9 | 214,9 | 214,9 | 214,9 | 214,9 | 214,9 | 214,9 | 214,9 | 214,9 | 214,9 |
| *Source: National Statistical Office. Cer | ntral Bank of Y | emen; also IM | F staff | | | | | | | |
| **Source: IMF Staff Latest actual data: 2 | 008 National a | ccounts manu | al used | | | | | | | |
| Participating Banks | 3 | 5 | 6 | 7 | 10 | 10 | 10 | 10 | 10 | 10 |
| Number of Qualified Loans | 1000 | 1.300 | 1.560 | 1.716 | 1.888 | 2.076 | 2.284 | 2.512 | 2.764 | 3.040 |
| Average Loan Size (US\$) | 15.000 | 17.196 | 20.024 | 23.038 | 26.335 | 29.956 | 33.976 | 38.536 | 43.707 | 49.573 |
| Total | 15.000.000 | 22.354.923 | 31.237.568 | 39.532.982 | 49.709.006 | 62.199.692 | 77.601.580 | 96.817.283 | 120.791.179 | 150.701.491 |
| SEDF | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Number of Qualified Loans | 900 | 1.170 | 1.404 | 1.544 | 1.699 | 1.869 | 2.056 | 2.261 | 2.487 | 2.736 |
| Average Loan Size (US\$) | 4.500 | 5.159 | 6.007 | 6.911 | 7.900 | 8.987 | 10.193 | 11.561 | 13.112 | 14.872 |
| Total | 4.050.000 | 6.035.829 | 8.434.143 | 10.673.905 | 13.421.432 | 16.793.917 | 20.952.427 | 26.140.667 | 32.613.618 | 40.689.403 |
| Participating MFIs | 4 | 6 | 8 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Number of Qualified Loans | 9.000 | 11.700 | 14.040 | 15.444 | 16.988 | 18.687 | 20.556 | 22.612 | 24.873 | 27.360 |
| Average Loan Size (US\$) | 400 | 459 | 534 | 614 | 702 | 799 | 906 | 1.028 | 1.166 | 1.322 |
| Total | 3.600.000 | 5.365.181 | 7.497.016 | 9.487.916 | 11.930.161 | 14.927.926 | 18.624.379 | 23.236.148 | 28.989.883 | 36.168.358 |
| Grand Total | 22.650.000 | 33.755.933 | 47.168.728 | 59.694.802 | 75.060.599 | 93.921.535 | 117.178.386 | 146.194.098 | 182.394.681 | 227.559.251 |

FINANCIAL PROJECTIONS (CONT)

| | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|-----------------------------------|----------------------------------|--------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------|
| Growth in use of guarantees | | 30% | 20% | 10% | 10% | 10% | 10% | 10% | 10% | 10% |
| Average Loan Term (months) | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| Guarantee percentage | 50% | 50% | 50% | 50% | 50% | 50% | 50% | 50% | 50% | 50% |
| Guarantee Fee | 1,75% | 1,75% | 1,75% | 1,75% | 1,75% | 1,75% | 1,75% | 1,75% | 1,75% | 1,75% |
| Net Payout Percentage | | 5,00% | 5,00% | 4,00% | 4,00% | 4,00% | 4,00% | 4,00% | 4,00% | 4,00% |
| Leverage Factor | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 |
| Interest Earned on Deposits | 5,00% | 5,00% | 4,50% | 4,00% | 3,50% | 3,50% | 3,50% | 3,50% | 3,50% | 3,50% |
| Tax Rate on Profit | 16,00% | 16,00% | 16,00% | 16,00% | 16,00% | 16,00% | 16,00% | 16,00% | 16,00% | 16,00% |
| CAPITAL ACTIVITY (US\$): | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
| Paid-in Capital: | 3.500 | 3.500 | 3.500 | 3.500 | 3.500 | 3.500 | 3.500 | 3.500 | 3.500 | 3.500 |
| Banks | 2.000 | | | | | | | | | |
| GOY | 1.000 | | | | | | | | | |
| Non-bank Private Sector | 500 | | | | | | | | | |
| | | | | | | | | | | |
| Guarantee Funds from donors: | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 |
| Guarantee Funds from donors: XXX | | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 |
| | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 |
| xxx yyy | 4.000 1.000 | 7.500 | 4.000 7.500 | |
| XXX | 4.000 1.000 3.000 | | | | | | | | | 7.500 -20 |
| XXX YYY Total Capital Base: | 4.000 1.000 3.000 7.500 | 7.500 | 7.500 | 7.500 | 7.500 | 7.500 | 7.500 | 7.500 | 7.500 | 7.500 |

FINANCIAL PROJECTIONS (CONT)

| | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|--|---------|----------|----------|----------|----------|----------|-----------------------------|-----------|-----------|---------------|
| GUARANTEE ACTIVITY (Thousand US\$): | | | | | | | | | | |
| Maximum Guarantee Capacity (leverage) | 58.911 | 61.215 | 63.793 | 64.809 | 66.695 | 68.166 | 69.988 | 72.281 | 75.237 | 79.090 |
| | | | | | | | | | | |
| New Financial Institutions Lending (+) | 22.650 | 33.756 | 47.169 | 59.695 | 75.061 | 93.922 | 117.178 | 146.194 | 182.395 | 227.559 |
| Amount Repaid (-) | (3.775) | (13.176) | (26.663) | (40.699) | (53.757) | (68.434) | (85.806) | (107.242) | (133.844) | (166.986) |
| Bank Loans Outstanding year end (=) | 18.875 | 39.927 | 61.430 | 81.655 | 104.591 | 132.171 | 166.187 | 208.462 | 261.182 | 326.979 |
| | | | | | | | | | | |
| New Guarantees Issued (+) | 11.325 | 16.878 | 23.584 | 29.847 | 37.530 | 46.961 | 58.589 | 73.097 | 91.197 | 113.780 |
| Claims Paid (-) | - | 472 | 998 | 1.229 | 1.633 | 2.092 | 2.643 | 3.324 | 4.169 | 5.224 |
| = Outstanding Guarantees | 9.438 | 19.963 | 30.715 | 40.827 | 52.296 | 66.085 | 83.093 | 104.231 | 130.591 | 163.490 |
| Remaining Guarantee Capacity | 49.474 | 41.251 | 33.078 | 23.982 | 14.399 | 2.081 | (13.105) | (31.949) | (55.354) | (84.400) |
| Actual Leverage Attained | 1,28 | 2,61 | 3,85 | 5,04 | 6,27 | 7,76 | 9,50 | 11,54 | 13,89 | 16,54 |
| | | | | | | | Cumulative Lending Amount: | | | 1.005.578.014 |
| | | | | | | | Cumulative number of loans: | | | 33.136 |

FINANCIAL PROJECTIONS (CONT)

| INCOME STATEMENT: | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|------------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Revenues: | | | | | | | | | | |
| Total Fees | 396 | 789 | 1.195 | 1.582 | 2.021 | 2.550 | 3.204 | 4.016 | 5.030 | 6.294 |
| Fees on New Guarantees | 396 | 591 | 825 | 1.045 | 1.314 | 1.644 | 2.051 | 2.558 | 3.192 | 3.982 |
| Fees on Old Loans | | 198 | 370 | 537 | 707 | 907 | 1.153 | 1.458 | 1.838 | 2.312 |
| Interest Earned | 92 | 375 | 352 | 322 | 288 | 295 | 302 | 311 | 323 | 338 |
| Total Income: | 488 | 1.164 | 1.547 | 1.903 | 2.308 | 2.845 | 3.506 | 4.328 | 5.352 | 6.632 |
| Expenses: | | | | | | | | | | |
| Salaries | 211 | 234 | 258 | 282 | 309 | 336 | 367 | 400 | 436 | 475 |
| Admin expenses | 96 | 107 | 118 | 129 | 141 | 153 | 167 | 182 | 199 | 216 |
| Total Expenses: | 307 | 341 | 375 | 411 | 449 | 490 | 534 | 582 | 634 | 691 |
| Claims Paid | | 472 | 998 | 1.229 | 1.633 | 2.092 | 2.643 | 3.324 | 4.169 | 5.224 |
| Total Expenses: | 307 | 813 | 1.373 | 1.640 | 2.082 | 2.581 | 3.177 | 3.905 | 4.803 | 5.915 |
| Profit before Taxes: | 182 | 351 | 173 | 263 | 226 | 264 | 329 | 422 | 549 | 717 |
| Taxes Paid: | - | (29) | (56) | (28) | (42) | (36) | (42) | (53) | (68) | (88) |
| Profit/(Losses) after Taxes: | 182 | 322 | 117 | 236 | 184 | 228 | 287 | 369 | 482 | 629 |

NEXT STEPS

- Implement comments, observations, suggestions received from stakeholders at this workshop
- Confirm the interest of Banks, private sector and Government in participating in the creation of the National Guarantee Fund of Yemen
- Invite donors to participate with grants and TA
- Elaborate the By-Laws and the Guarantee procedures and regulations
- Organize the first General Assembly Meeting to collect the initial capital and create the new Entity



FINALLY



Is this the Yemen we want???





Or this one???





Shukran!!!

Thank you!!!