

# The Czech Republic (A1/AA-/A+)

Funding and Debt Management Strategy 2013 **12 December 2012** 







| Jan Gregor    | Deputy Minister of Finance                                     |  |  |
|---------------|--|--|--|
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# 1. Fiscal Framework

- 2. Debt Management Strategy
- 3. Secondary Market Development



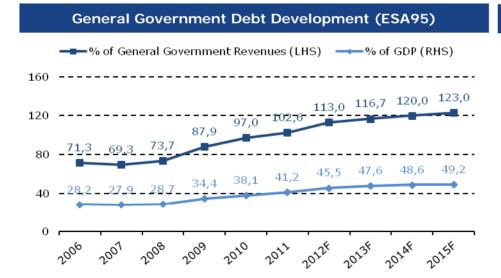


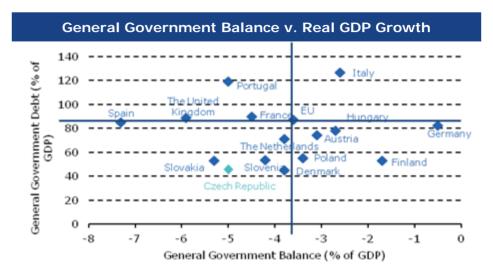
#### **Fiscal Framework**

# **Sound Medium-Term Fiscal Position Supported by Structural Reforms**

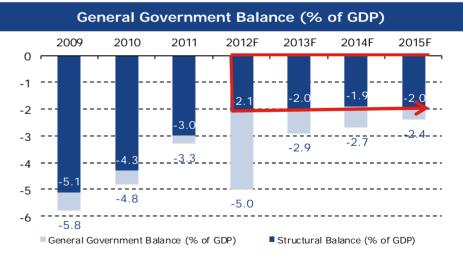
- Low general government debt compared to EU average
  - 2012 general government debt estimated at 45.5% of GDP, 41.5 p.p. below EU average
  - 2013 general government debt estimated at 47.6% of GDP
  - Reduction of deficit mainly driven by expenditure cuts and lower interest burden
- Key figures for 2013:
  - Real GDP growth: 0.7%
  - General government deficit target: 2.9% of GDP

Source: Ministry of Finance





Source: Eurostat, for 2012



Source: Czech Statistical Office and Ministry of Finance

Source: Czech Statistical Office, data for 2009-2011; Ministry of Finance, forecast for 2012-2015



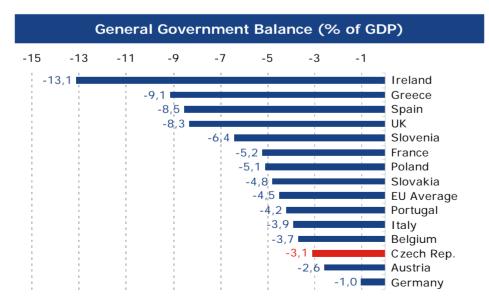
#### **Fiscal Framework**

#### Low Level of Indebtedness and Sound Fiscal Position

|  | CZK bn | EUR bn | % of GDP |
|--|--------|--------|----------|
| State debt forecast for 2012 <sup>(2)</sup>    | 1,668  | 66.7   | 43.4     |
| State debt forecast for 2013 <sup>(2)</sup>    | 1,769  | 71.0   | 45.6     |
| Planned budget deficit for 2012 <sup>(3)</sup> | 105    | 4.2    | 2.7      |
| Planned budget deficit for 2013 <sup>(3)</sup> | 100    | 4.0    | 2.6      |

<sup>(1)</sup> Source: Ministry of Finance, as of 12 December 2012

<sup>(3)</sup> Source: Ministry of Finance, plan as of 12 December 2012



#### General Government Debt (% of GDP) 100 120 140 160 180 Greece | **■** 132,3 Italy **123,3** Portugal **111.6** 108,5 Ireland Belgium 101.8 France UK 86.4 EU Average 83.4 Germany 81.6 Hungary 73,5 Austria **72,1** Spain Poland Slovenia Slovakia 46.4 Czech Rep.

Source: Eurostat, for 2011 Source: Eurostat, as of 31 March 2012

<sup>(2)</sup> Source: Ministry of Finance, forecast as of 12 December 2012





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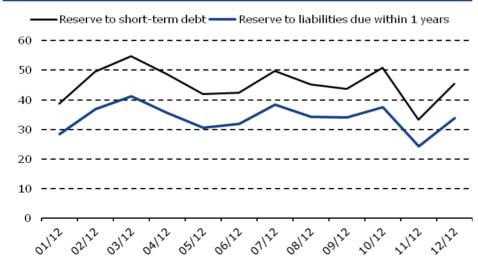


#### **Gross Borrowing Requirement 2012**

- Gross borrowing requirement (GBR<sup>(1)</sup>) CZK 309.3bn (EUR 12.4bn) in 2012
  - up from the plan of 243.3bn due to higher cash reserve increase in the amount of CZK 65.1bn
  - excl. cash reserve increase, GBR up by CZK 0.6bn
- Major part of the funding covered on domestic market via primary auctions and tap sales with 53.2% share on GBR
- Bond issuance in **foreign markets** covered 22.3% of GBR
- Savings bonds programme fully implemented and covered 14.7% of GBR in 2012 after successful pilot issuance in November 2011

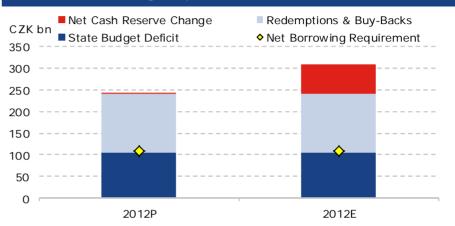
(1) Excluding money market instruments outstanding

#### Cash Reserve Development throughout the year 2012



Source: Ministry of Finance, as of 12 December 2012

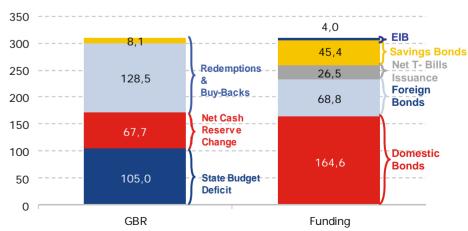
#### **Gross Borrowing Requirement 2012 (Plan vs Estimate)**



Note: Net cash reserve change incl. state financial assets Note: Net Borrowing Requirement excl. net cash reserves change

Source: Ministry of Finance, as of 12 December 2012

#### Uses and Sources of Funding in 2012 (CZK bn)



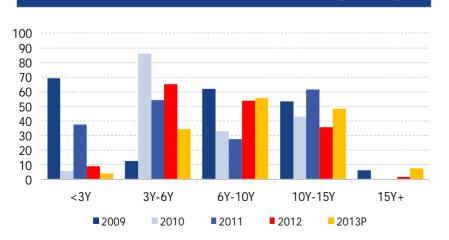
Note: Net cash reserve change incl. state financial assets Source: Ministry of Finance, as of 12 December 2012



#### **Diversified Funding Sources in 2012**

- Smooth funding on domestic primary market in 2012
- The Ministry successfully entered secondary market with tap sales via MTS Czech Republic in 2012
- Average primary auction yield dropped to 2.34%, down by 75 basis points since 2011
- Average bid-to-cover ratio 2.24 in primary auctions
- Government Bond Issuance well diversified (fixed and floating rate) and spread across the yield curve

#### **Domestic Government Bonds Issuance (CZK bn)**



#### **Domestic Issuance 2012 (Primary Auctions & Taps)**

| Government Bond | CZK bn  | Share (%) |  |
|-----------------|---------|-----------|--|
| 2.75/14         | 9.0     | 5.6       |  |
| 3.40/15         | 12.4    | 7.7       |  |
| 4.00/17         | 1.8     | 1.1       |  |
| VAR/17          | 39.7    | 24.7      |  |
| 4.60/18         | 25.9    | 16.1      |  |
| 3.85/21         | 33.7    | 21.0      |  |
| VAR/23          | 29.4    | 18.3      |  |
| 5.70/24         | 2.9     | 1.8       |  |
| 4.20/36         | 1.3     | 0.8       |  |
| 4.85/57         | 4.5 2.8 |           |  |
| Total           | 160.4   | 100.0     |  |

Note: Direct Sales to EIB (3.3. bn) and purchases into MoF asset funds (0.9 bn) not included

#### **Average Yield and Time to Maturity of Primary Auctions**



Source: Ministry of Finance, as of 12 December 2012 Source: Ministry of Finance, as of 12 December 2012



#### **Gross Borrowing Requirement 2013-2015**

- Gross borrowing requirement (GBR<sup>(1)</sup>) planned at the level of CZK 230.7bn (EUR 9.3bn) for 2013
- Major part of the funding to be covered on domestic market in a range of CZK 87.1bn to 219.1bn
- Bond issuance in foreign markets may add up to CZK92.0bn
- Net T-bills issuance down to CZK -10.0bn to 10.0bn
- Savings bonds depending on demand of eligible investors in a range of CZK 20.0bn to CZK 40.0bn
- EIB loans complete the funding programme with CZK 1.6bn

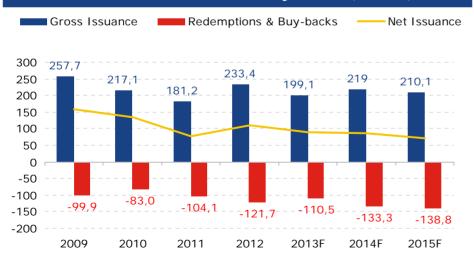
State Budget Deficit Redemptions & Buy-Backs Net Cash Reserve Change GBR (% of GDP) GBR incl. T-bills (% of GDP) CZK bn 300 14 250 12 200 150 100 50 0 -50 2009 2010 2012F 2013F 2014F 2015F

**Gross Borrowing Requirement** 

Note: Net cash reserve change incl. state financial assets Source: Ministry of Finance, as of 12 December 2012

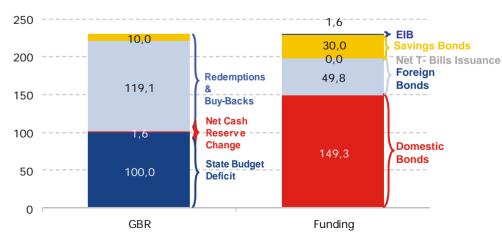
#### (1) Excluding money market instruments outstanding

#### **Government Bond Issuance Dynamics (CZK bn)**



Note: Excluding government savings bonds Source: Ministry of Finance, as of 12 December 2012

#### Uses and Sources of Funding in 2013 (CZK bn)



Note: Net cash reserve change incl. state financial assets Source: Ministry of Finance, as of 12 December 2012



## **Conservative Debt Management Strategy**

#### Low Costs and Substantial Cash Buffer during Periods of Market Volatility

- Historically, average net interest costs were ranging between 3.5% and 4.0% of net debt portfolio
- However in 2010, net interest cost went sharply down to 2.9%, the evidence of Czech Republic's solid reputation as debtor at turbulent times
- Savings on actual interest costs versus budget amounted to CZK 21 bn in 2010, CZK 22 bn in 2011 and CZK 31 bn in 2012
- Less conservative approach to risk premium modeling for the 2013–2015
- New issuance of governemnt bonds is determined in accordance with smooth maturity profile
- In 2008, cash reserves were created to absorb euro area debt crisis impact on domestic liquidity in the short-term horizon
- Cash Buffer above 5% of GDP at the end of 2012

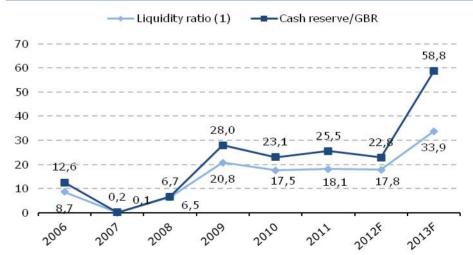


Source: Ministry of Finance forecast for 2012, as of 10 December 2012

#### 

Source: Ministry of Finance

#### Cash Buffer vs. Gross Borrowing Requirement



Source: Ministry of Finance, as of 10 December 2012

(1) Liquidity Ratio is defined as cash reserves divided by the sum of short-term state debt, budget balance and operations of state financial assets



## **Conservative Debt Management Strategy**

#### Key Portfolio Limits for 2013 within Conservative Strategy

|  | Limit in 2012     | Forecast as of 31<br>December 2012 | Limit in 2013     |  |
|--|-------------------|------------------------------------|-------------------|--|
| Short-term debt (<1 year)                    | ≤ 25.0%           | 17.9%                              | ≤ 25.0%           |  |
| Medium-term debt (<5 years)                  | ≤ 70.0%           | 52.7%                              | ≤ 70.0%           |  |
| Average time to maturity                     | 5.0 to 6.0 years  | 5.7 years                          | 5.0 to 6.0 years  |  |
| Floating rate exposure (incl. IRS)           | 30.0 to 40.0%     | 36.0%                              | 30.0 to 40.0%     |  |
| Average time to re-fixing                    | 4.0 to 5.0 years  | 4.4 years                          | 4.0 to 5.0 years  |  |
| FX exposure (incl. CCS)                      | 15.0% (+2.0 p.p.) | 10.0%                              | 15.0% (+2.0 p.p.) |  |
| Foreign currency debt                        | х                 | 17.7%                              | х                 |  |
| Foreign holders of CZK Gov't bonds           | х                 | 12.7%                              | х                 |  |
| Foreign holders of state debt <sup>(1)</sup> | х                 | 32.8%                              | х                 |  |

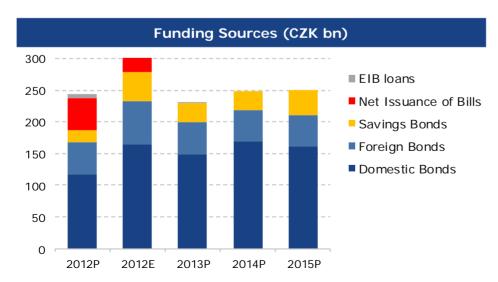
<sup>(1)</sup> This figure represents maximum possible share, because Ministry of Finance has no information about breakdown of foreign currency bonds holders Source: Ministry of Finance

- No change in key portfolio limits and targets for 2013 in line with medium term strategy
- Maintaining acceptable refinancing, IR and FX rate risk in line with core euro area countries
- Short-term debt has been successfully reduced below 20% from 70% since 2000
- Interest rate exposure is balanced in line with cost/risk optimization simulation framework
- Foreign currency exposure around or below 10% of total debt in the long term (incl. hedging)
- Non-resident holders don't put funding stability at risk



#### **Funding Outlook 2013-2015**

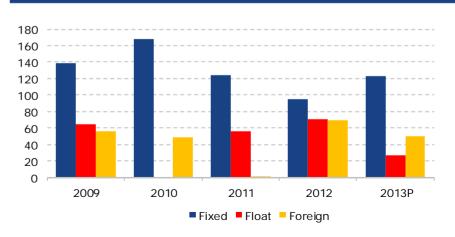
- Three new fixed-rate benchmark bond issues to be opened in 2013
  - 3Y/2016
  - 6Y/2019
  - 15Y/2028
- No new floating-rate note issue will be offered in 2013
- Re-openings across the yield curve in 2013
- The Ministry will continue with its operations on secondary market with **tap sales** via MTS Czech Republic
- The Ministry plans to re-enter **foreign markets** with at least one public issue in 2013
- Net T-bills issuance planned at zero level in 2013



#### **Domestic Issuance 2013 (Primary Auctions & Taps)**

| Government Bond | Primary Auctions<br>(CZK bn) | Tap Sales<br>(CZK bn) |
|-----------------|------------------------------|-----------------------|
| 3.40/15         | Up to 3                      | 0 - 1                 |
| new/16          | 25 - 35                      | -                     |
| VAR/16          | -                            | 0 - 2                 |
| VAR/17          | Up to 3                      | 0 - 2                 |
| 4.60/18         | -                            | 0 - 1                 |
| new/19          | 25 - 35                      | -                     |
| 3.75/20         | Up to 3                      | 0 - 2                 |
| 4.70/22         | 20 - 30                      | -                     |
| VAR/23          | 15 - 25                      | -                     |
| new/28          | 25 - 35                      | -                     |
| 4.20/36         | 0 - 5                        | 0 - 10                |
| 4.85/57         | -                            | 0 - 9                 |

#### **Funding Structure (CZK bn)**



12

Source: Ministry of Finance, as of 12 December 2012 Source: Ministry of Finance, as of 12 December 2012



# **Issuance Calendars for January 2013**

#### **Government Bonds**

| Auction Date | Issue Date | Government Bond | Total Volume Offered (competitive part) |
|--------------|------------|-----------------|---|
| 9 January    | 14 January | new/19          | CZK 3-5 bn                              |
| 9 January    | 14 January | VAR/17          | CZK 2-4 bn                              |
| 23 January   | 28 January | new/16          | CZK 3-5 bn                              |
| 23 January   | 28 January | 4.70/22*        | CZK 2-4 bn                              |

<sup>\*</sup> Instead of originally proposed 3.75/20

Note: Total Volume Offered (competitive part) in Q1 should not exceed CZK 50 bn

#### **Treasury Bills**

| Auction Date | Issue Date | Treasury Bill | Total Volume Offered |
|--------------|------------|---------------|----------------------|
| 10 January   | 11 January | 9 month       | CZK 8 bn             |
| 17 January   | 18 January | 3 month       | CZK 10 bn            |
| 24 January   | 25 January | 6 month       | CZK 8 bn             |



# **Agenda**

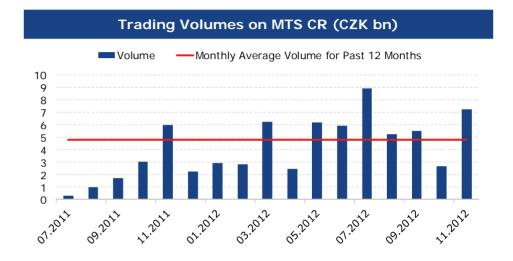
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# **Secondary Market Development**

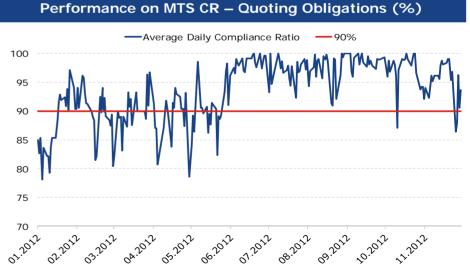
#### MTS Czech Republic Trading Performs Well

- Liquidity has improved
- Monthly turnover on an increasing path
- Bid-Offer spreads have tightened
- Compliance with quoting obligations above 90% level most of the time



Source: Ministry of Finance, EuroMTS, as of 10 December 2012



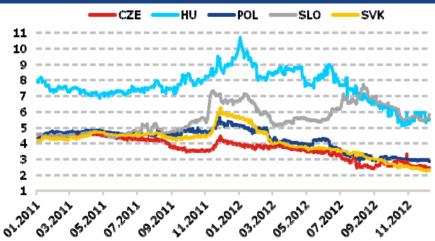




# **Secondary Market Development**

#### **CEE Yields and Rates Performance**





Source: Thomson Reuters, as of 11 December 2012 Based on 10-year EUR bond government bond yields

#### **Current CE Peer Group EUR Bond Yields and Spreads**

| Country                  | Czech<br>Republic        | Poland                  | Slovenia                 | Slovak<br>Republic     | Hungary                    |
|--------------------------|--------------------------|-------------------------|--------------------------|------------------------|----------------------------|
| Rating <sup>(1)</sup>    | A1/AA-/A+<br>sta/sta/sta | A2/A-/A-<br>sta/sta/sta | Baa2/A/A-<br>neg/neg/neg | A2/A/A+<br>neg/sta/sta | Ba1/BB+/BB+<br>neg/sta/neg |
| 10 year yield            | 2.30%                    | 2.49%                   | 5.14%                    | 2.30%                  | 5.60%                      |
| 10 year<br>spread to m/s | +76 bps                  | +95 bps                 | +360 bps                 | +84 bps                | +446 bps                   |

Source: Reuters, bid levels, as of 11 December 2012

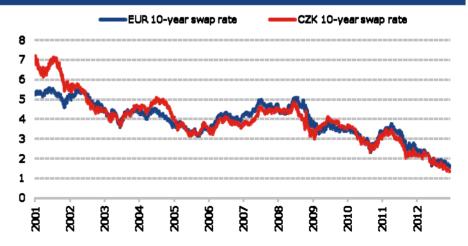
Note: Hungary 8 year yield due to unavailable data for 10 year yield Note: Slovakia 9 year yield due to unavailable data for 10 year yield (1) Ratings by Moody's, Standard & Poor's and Fitch Ratings, respectively,

second line represents rating outlook (neg – negative, sta – stable, pos – positive)

# 10Y CDS Spread of Central European Peers (bps) —CZE —POL —SLO HU —SVK 700 600 500 400 200 100

Source: Thomson Reuters, as of 11 December 2012

#### Long-Term Interest Rates (%)

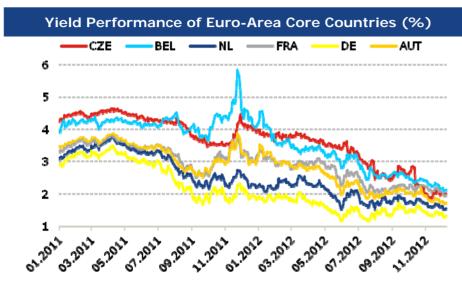


Source: Bloomberg, Reuters, as of 11 December 2012



# **Secondary Market Development**

#### **Euro-area Yields and Rates Performance**



Source: Reuters, as of 11 December 2012 Based on 10-year EUR bond government bond yields

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10Y CDS Spread of Euro-Area Core Countries (bps)

Source: Reuters, as of 11 December 2012

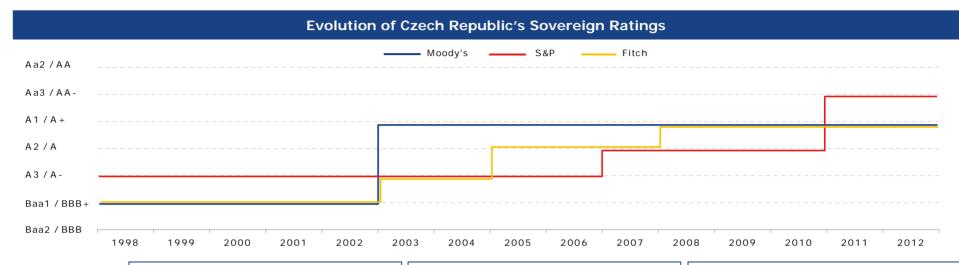
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Source: Reuters, as of 11 December 2012
Based on 10-year EUR bond government bond yields

# 10Y CDS Spread of Euro-Area Periphery Countries (bps) — CZE — SP — IE — PT — IT 1200 1000 800 600 400 200 0 100



#### Rating Agency Views Confirm Solid Credit Quality



# • "Government fina from the ability to

• "Government finances draw strength

Rating: A1

- from the ability to easily tap localcurrency financing through its large, though underdeveloped, domestic capital market."
- "Should the government fall before the scheduled June 2014 parliamentary election, reform paralysis is likely to set in... The outcome of such a scenario would have only limited impact on the sovereign's ,high' institutional strength assessment"
- "The stable outlook reflects Moody's expectation that the government will: (i) continue consolidating its fiscal position; and (ii) bring a halt to negative debt dynamics in the coming years."

#### STANDARD &POOR'S

Rating: AA-Outlook: stable

- "...Our ratings on the Czech Republic thus reflect its prudently managed and balanced economy..."
- "... downward pressure on the ratings could mount if the social security reform falters, the public finances deteriorate..."
- "...The stable outlook balances our assessment of the Czech Republic's solid medium-to-long term economic growth prospects..."

# Fitch Ratings

Rating: A+ Outlook: stable

18

- "...proven macroeconomic resilience and policy flexibility and credibility support sovereign creditworthiness ..."
- "...deterioration of the growth outlook and heightened financial stress in the eurozone ..."
- "...the probability of an upgrade in the next 12 months has receded and a Stable Outlook better captures the balance of risks..."

#### **Outlook**

**Support** 

Risks to

the Rating

Source: Moody's (July 2012) Source: Standard & Poor's (August 2011) Source: Fitch (December 2011)



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