

### History

1980	The establishment of VP
1983	The first in the world to dematerialise all listed bonds
1988	Dematerialization of all listed stocks
1997	CSD of the year
2000	VP was converted into a limited company - VP A/S
2002	From central securities depository to securities services
2005	Project in Mexico
2006	VP takes on Investor Services from Danske Bank and Nordea
2007	VP takes on FundingXperten from Totalkredit and issues the first loan in Mexico





# VP's Clearing & custody unit in figures - 2007

#### Turnover – market value:

Bonds: 23.064 billion DKK

Shares: 5.438 billion DKK

#### Daily turnover:

Ca. 98 billion DKK

66.275 trades

#### Securities on deposit (value):

5.294 billion DKK

#### Number of series:

Bonds: 2.312 series

Shares: 1.114 series

#### Number of accounts:

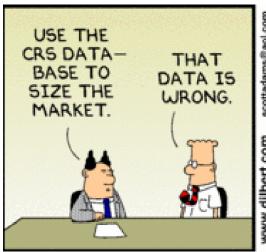
3,5 million

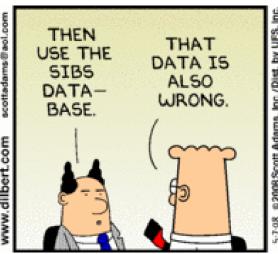


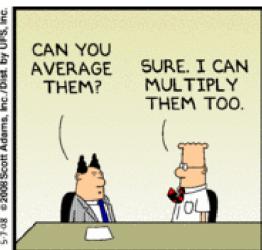


### Data Governance

- Data governance encompasses the people, processes and procedures required to create a consistent, enterprise view of an organisation's data in order to:
  - Increase consistency & confidence in decision making
  - Decrease the risk of regulatory fines
  - Improve data security
  - Maximize the income generation potential of data









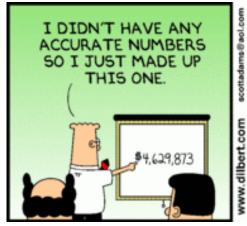


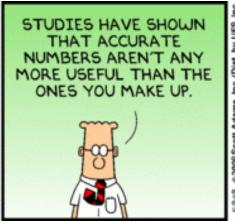
### Data Quality

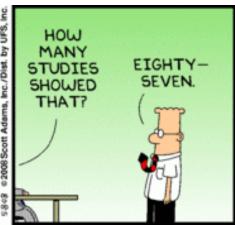
- The state of
  - Completeness
  - Validity
  - Consistency
  - Timeliness
  - Accuracy

that makes data appropriate for a specific use

- The totality of features and characteristics of data that bears on their ability to satisfy a given purpose
- Problems relate as much to inconsistent data as they do to incorrect data



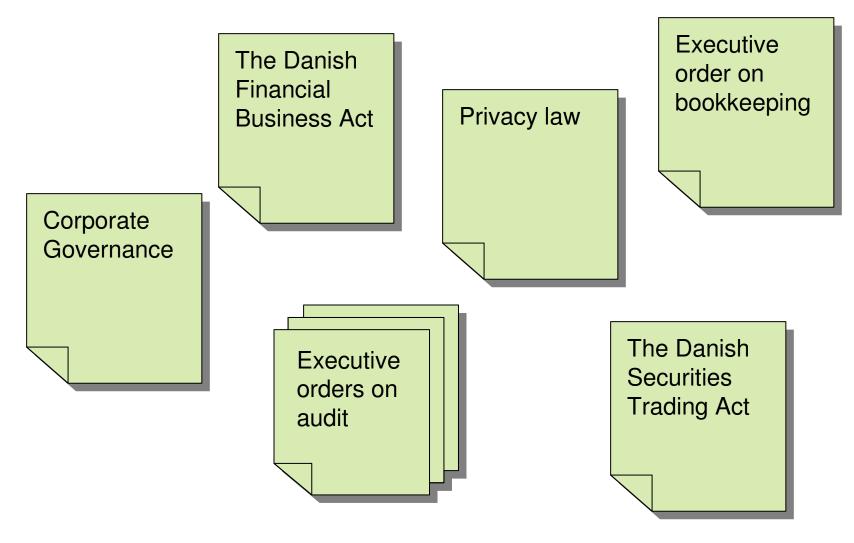








### Regulatory Requirements







### VP's Security Regulation: Systems and Data

**Data Governance** 

Security standards and Procedures Standard for naming of data/dataset Data ownership

Classification of data (sensitive/non-sensitive)

Overview over data in production (inventory of critical information)

**Backup procedures / retention period** 

Other security regulations cover issues that are closely related to Data Governance e.g. change management, contingency, confidentiality, integrity and availability.

VP has a "housing agreement" with IBM Service Delivery Center Danmark A/S.

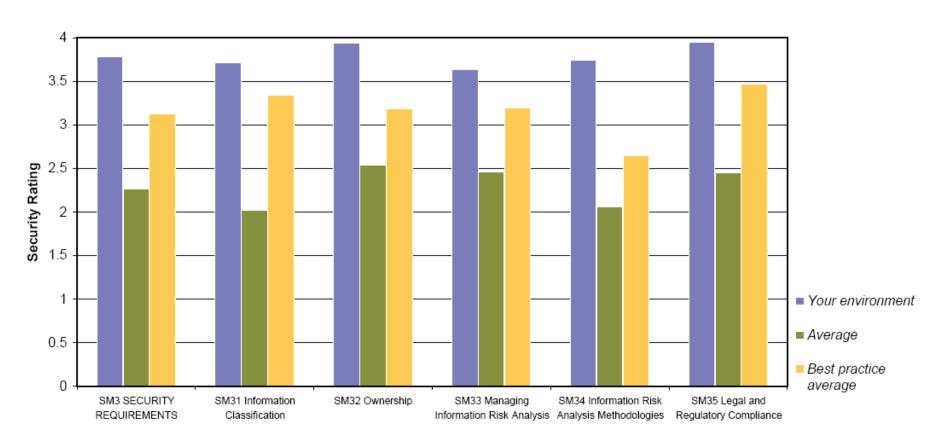
Data governance is assessed/benchmarked as part of the ISF Survey.





### Benchmarking – ISF Survey

Your security status at section level, compared with the overall average and best practice average ratings







#### **Executive Order on Audit**

- To monitor that
  - Computer monitoring is sufficient
  - Data processing is covered by sufficient documentation
  - Data being authorized in accordance with applicable rules and policies
  - Audit trails are created for all transactions





## Data from legacy systems being used for other purposes

Restrictions, e.g. Securities Trading Act:

A CSD may not impart information concerning the data entered on the records to any others than the Danish FSA and the participating undertakings pursuant to part 21 of the Act

- Providing statistical information
- Other purposes (Investor services)
  - \_ ???





### Security compliance - overview

