SCALING REMAINS A KEY ISSUE

We think that even wordwide leading organizations could improve their reporting quality if they would apply our SUCCESS RULES and the visualization concept of HI-NOTATION – see www.success.hichert.com and www.hi-notation.hichert.com.

Here I try to apply the concept to charts taken from the SAP annual report 2010. I think it is almost impossible to compare different segments as shown here if the scaling is not properly done.

Comments are always welcome!

Regards Rolf Hichert

rh@hichert.com









Wichtig

Wenn Ihr Browser diese pdf-Datei nicht im Vollbild-Modus anzeigen kann, so müssen Sie sie zunächst auf Ihrem Computer **speichern**.

Nach dem Öffnen der Datei können Sie den **Vollbild-Modus** mit **Ctrl+L** (Windows) oder **Ctrl+Cmd+F** (Mac) starten.

Der Vollbild-Modus ist wichtig, um die vielen kleinen Schritte in dieser Präsentation zu erkennen.

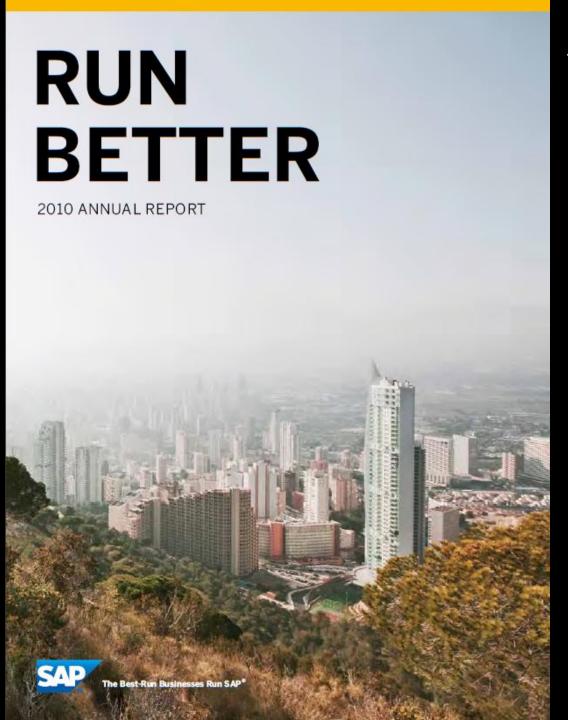


Important

If your browser does not allow to view this pdf file in full screen mode you must **save** the file on your computer first.

After opening the file you turn on **full screen mode** by clicking **Ctrl+L** (Windows) or **Ctrl+Cmd+F** (Mac).

Full screen mode is important to see and understand the many small steps in this presentation.



Here we want to analyse the product segment profitability

increased 14 % from €4,731 milin 2010. Product segment profit-10.

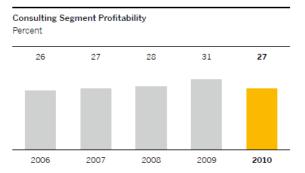
marily engaged in the implemens.

ncreased 9 % from €2,498 miln 2010. This growth reflects a volumes and prices and a 6 % s. Geographically all regions conue increase, predominantly in gion.

increased 15 % from €1,717 miln 2010. This expense growth was ents to prepare for the increased nturn in 2009.

on decreased 5 % from €781 mil-2010. Consulting segment profitared to 31 % in 2009.

rily engaged in providing educaur software products and related ners. Training services include It SAP training facilities, customer nd end-user training, as well as



Training segment revenue was €362 million in 2010, which represents an increase of 9 % from €332 million in 2009. This growth reflects a 2 % increase from changes in volumes and prices and a 7 % increase from currency effects. The Americas and APJ regions were the primary contributors to our 2010 Training segment revenue increase. In 2010, our Training segment revenue growth was especially high in North America, with a 29 % increase, whereas Training segment revenue decreased 3 % in the EMEA region.



Our Training segment expenses increased 4 % from €217 million in 2009 to €226 million in 2010. Costs increased to support the growing business activities in 2010 after the downturn in 2009.

The Training segment contribution increased 18 % from €115 million in 2009 to €136 million in 2010. Training segment profitability was 38 % in 2010 compared to 35 % in 2009.

Sybase Segment

The Sybase segment is primarily engaged in enabling the unwired enterprise for customers and partners by delivering enterprise and mobile software solutions for information management, development, and integration.

The measurement of the result for the Sybase segment differs from the measurements for the other segments, as the Sybase segment result includes development, administration, and other corporate expenses while these expenses are excluded from the measurement of the results of the other segments.



Sybase segment revenue was €387 million, mainly driven by sales of databases, mobility solutions, and messaging services. Sybase segment expenses were €260 million in 2010.

The Sybase segment contribution was €127 million in 2010, resulting in a Sybase segment profitability of 33 %.

Finance Income, Net

Finance income, net, improved to −€I million). Our finance income in 2010 v €37 million) and our finance costs we €117 million).

Finance income mainly consists of in and receivables (e.g. cash, cash equivinvestments; €34 million in 2010 con 2009). The decrease was mainly due tions which were partly offset by an ir ity in 2010 compared to 2009.

Finance cost mainly consists of interliabilities (€77 million in 2010 compar 2009). The increase compared to 20 the financial debt incurred in connect acquisition. We used bank loans, bond ments to finance this acquisition. For these financing instruments, see the Financial Statements section, Note (1 pending TomorrowNow litigation caus €12 million in 2010 (2009: €0 million

Another significant contribution to the 2010 came from the derivatives that financial risk management strategy. It time value effects that were reflected amount of €25 million (2009: €0 million expense with an amount of of €31 million.

Management Report

increased 14 % from €4,731 milin 2010. Product segment profit-10.

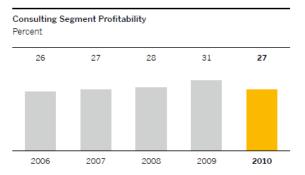
marily engaged in the implemens.

ncreased 9 % from €2,498 miln 2010. This growth reflects a volumes and prices and a 6 % s. Geographically all regions conue increase, predominantly in gion.

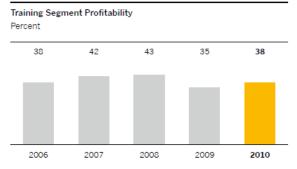
increased 15 % from €1,717 miln 2010. This expense growth was ents to prepare for the increased nturn in 2009.

on decreased 5 % from €781 mil-2010. Consulting segment profitared to 31 % in 2009.

rily engaged in providing educaur software products and related ners. Training services include It SAP training facilities, customer nd end-user training, as well as



Training segment revenue was €362 million in 2010, which represents an increase of 9 % from €332 million in 2009. This growth reflects a 2 % increase from changes in volumes and prices and a 7 % increase from currency effects. The Americas and APJ regions were the primary contributors to our 2010 Training segment revenue increase. In 2010, our Training segment revenue growth was especially high in North America, with a 29 % increase, whereas Training segment revenue decreased 3 % in the EMEA region.



Our Training segment expenses increased 4 % from €217 million in 2009 to €226 million in 2010. Costs increased to support the growing business activities in 2010 after the downturn in 2009.

The Training segment contribution increased 18 % from €115 million in 2009 to €136 million in 2010. Training segment profitability was 38 % in 2010 compared to 35 % in 2009.

Sybase Segment

The Sybase segment is primarily engaged in enabling the unwired enterprise for customers and partners by delivering enterprise and mobile software solutions for information management, development, and integration.

The measurement of the result for the Sybase segment differs from the measurements for the other segments, as the Sybase segment result includes development, administration, and other corporate expenses while these expenses are excluded from the measurement of the results of the other segments.



Sybase segment revenue was €387 million, mainly driven by sales of databases, mobility solutions, and messaging services. Sybase segment expenses were €260 million in 2010.

The Sybase segment contribution was €127 million in 2010, resulting in a Sybase segment profitability of 33 %.

Three segments are shown on pages 120 and 121

Finance Income, Net

Finance income, net, improved to −€6 million). Our finance income in 2010 v €37 million) and our finance costs we €117 million).

Finance income mainly consists of inf and receivables (e.g. cash, cash equiv investments; €34 million in 2010 con 2009). The decrease was mainly due tions which were partly offset by an in ity in 2010 compared to 2009.

Finance cost mainly consists of interliabilities (€77 million in 2010 compara 2009). The increase compared to 20 the financial debt incurred in connect acquisition. We used bank loans, bonments to finance this acquisition. For these financing instruments, see the Financial Statements section, Note (1 pending TomorrowNow litigation caus €12 million in 2010 (2009: €0 million

Another significant contribution to the 2010 came from the derivatives that financial risk management strategy. It time value effects that were reflected amount of €25 million (2009: €0 mill expense with an amount of of €31 million.

Management Report

increased 14 % from €4,731 milin 2010. Product segment profit-10.

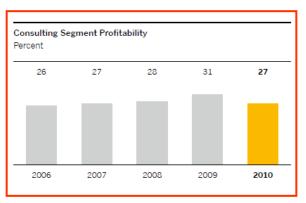
marily engaged in the implemens.

ncreased 9 % from €2,498 miln 2010. This growth reflects a volumes and prices and a 6 % s. Geographically all regions conue increase, predominantly in gion.

increased 15 % from €1,717 miln 2010. This expense growth was ents to prepare for the increased nturn in 2009.

on decreased 5 % from €781 mil-2010. Consulting segment profitared to 31 % in 2009.

rily engaged in providing educair software products and related ners. Training services include it SAP training facilities, customer nd end-user training, as well as



Training segment revenue was €362 million in 2010, which represents an increase of 9 % from €332 million in 2009. This growth reflects a 2 % increase from changes in volumes and prices and a 7 % increase from currency effects. The Americas and APJ regions were the primary contributors to our 2010 Training segment revenue increase. In 2010, our Training segment revenue growth was especially high in North America, with a 29 % increase, whereas Training segment revenue decreased 3 % in the EMEA region.



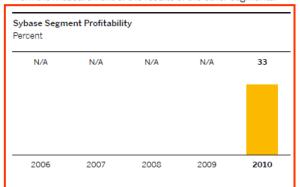
Our Training segment expenses increased 4 % from €217 million in 2009 to €226 million in 2010. Costs increased to support the growing business activities in 2010 after the downturn in 2009.

The Training segment contribution increased 18 % from €115 million in 2009 to €136 million in 2010. Training segment profitability was 38 % in 2010 compared to 35 % in 2009.

Sybase Segment

The Sybase segment is primarily engaged in enabling the unwired enterprise for customers and partners by delivering enterprise and mobile software solutions for information management, development, and integration.

The measurement of the result for the Sybase segment differs from the measurements for the other segments, as the Sybase segment result includes development, administration, and other corporate expenses while these expenses are excluded from the measurement of the results of the other segments.



Sybase segment revenue was €387 million, mainly driven by sales of databases, mobility solutions, and messaging services. Sybase segment expenses were €260 million in 2010.

The Sybase segment contribution was €127 million in 2010, resulting in a Sybase segment profitability of 33 %.

Three segments are shown on pages 120 and 121

Finance Income, Net

Finance income, net, improved to −€6 million). Our finance income in 2010 v €37 million) and our finance costs we €117 million).

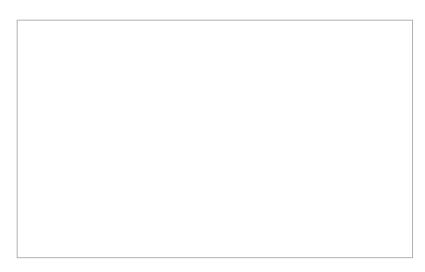
Finance income mainly consists of int and receivables (e.g. cash, cash equivinvestments; €34 million in 2010 con 2009). The decrease was mainly due tions which were partly offset by an irity in 2010 compared to 2009.

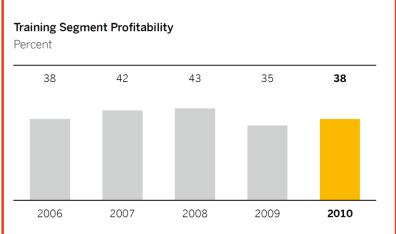
Finance cost mainly consists of interliabilities (€77 million in 2010 compar 2009). The increase compared to 20 the financial debt incurred in connect acquisition. We used bank loans, bond ments to finance this acquisition. For these financing instruments, see the Financial Statements section, Note (1 pending TomorrowNow litigation caus €12 million in 2010 (2009: €0 million

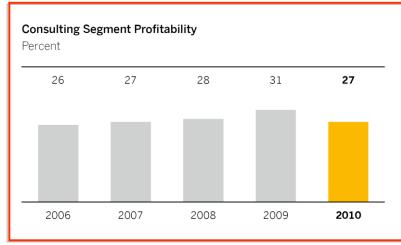
Another significant contribution to the 2010 came from the derivatives that financial risk management strategy. It time value effects that were reflected amount of €25 million (2009: €0 mill expense with an amount of of €31 million.

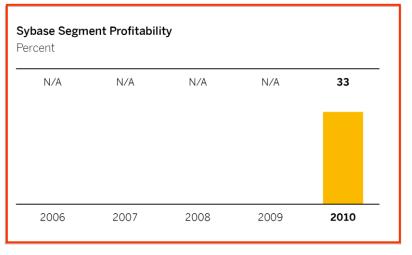
Management Report

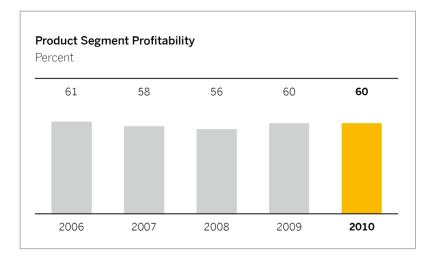
Three segments are shown on pages 120 and 121

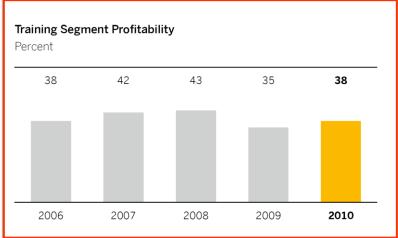


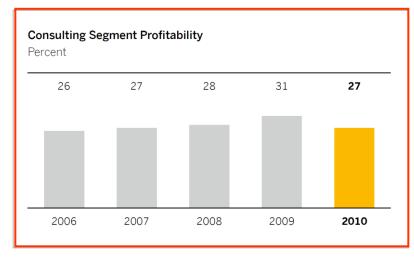


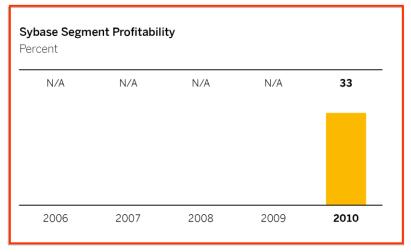


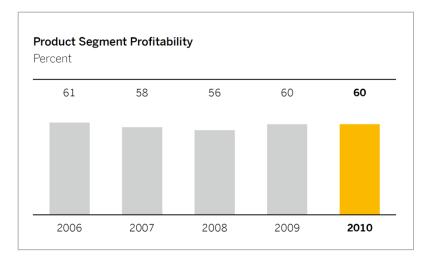


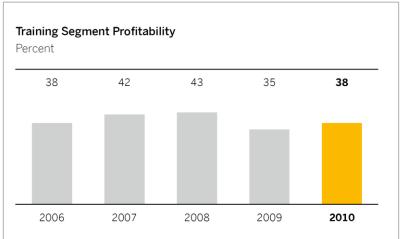


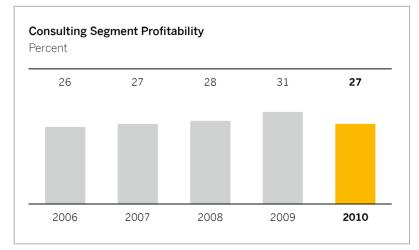


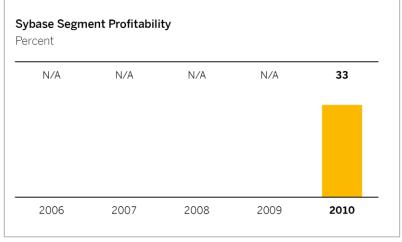






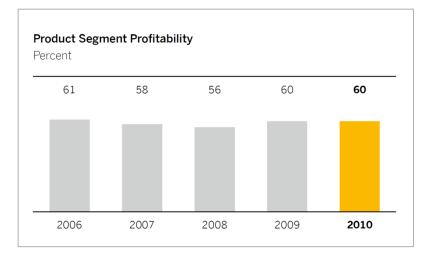


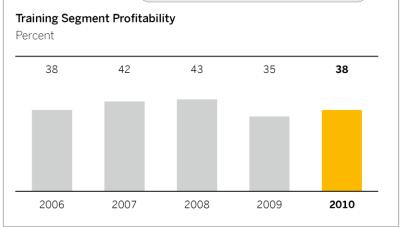


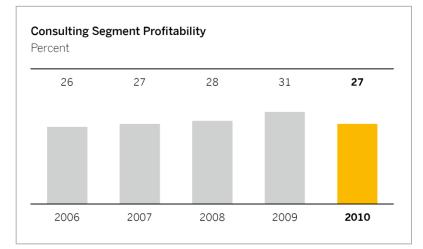


Why the little demon? It is almost impossible to compare the profitablity of these four segments



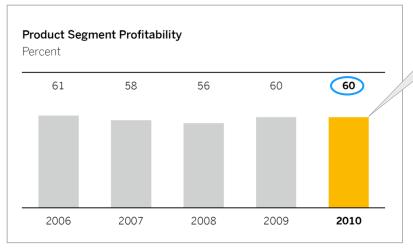


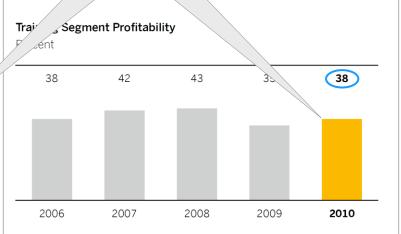


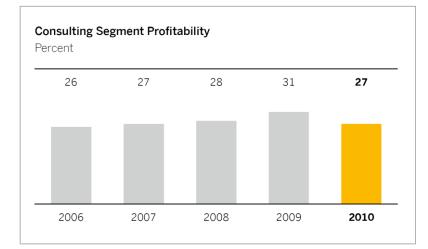




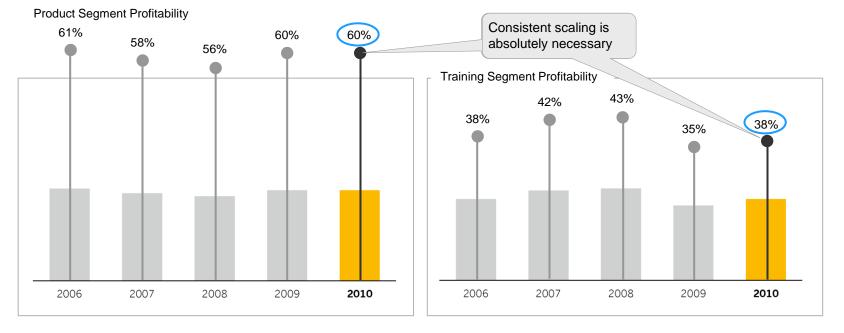
Consistent scaling is absolutely necessary

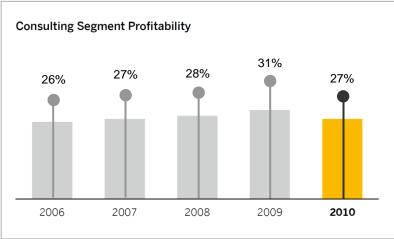


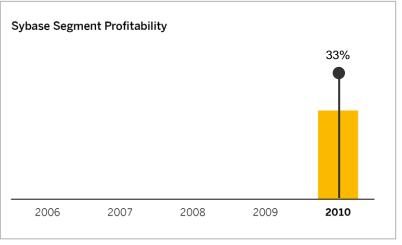


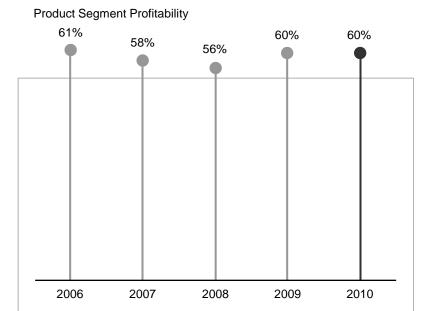


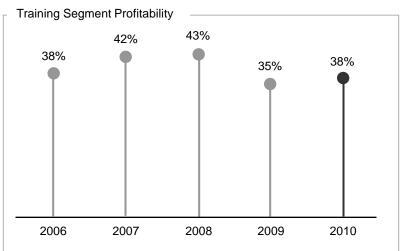


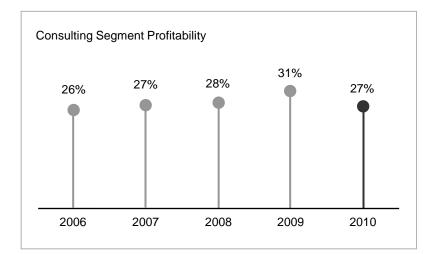


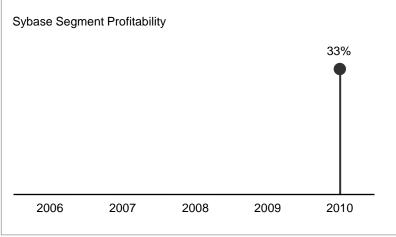


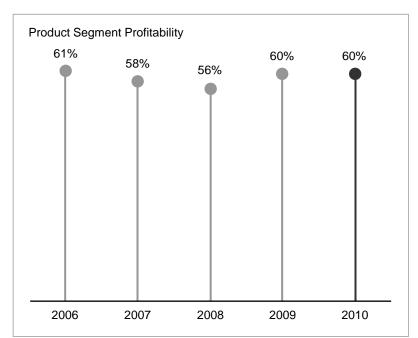


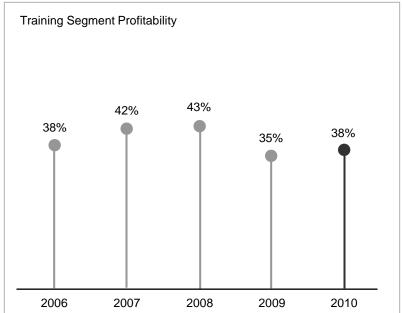


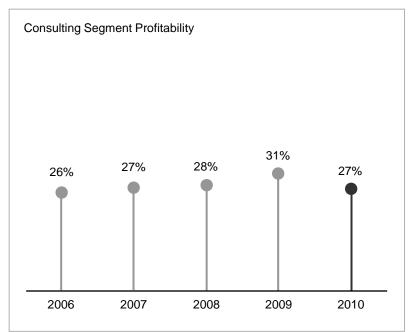


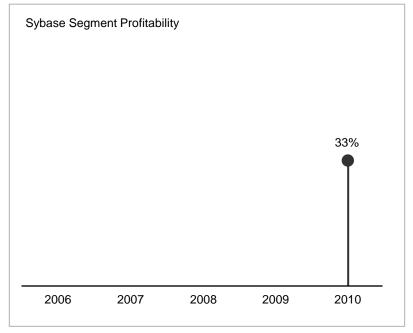


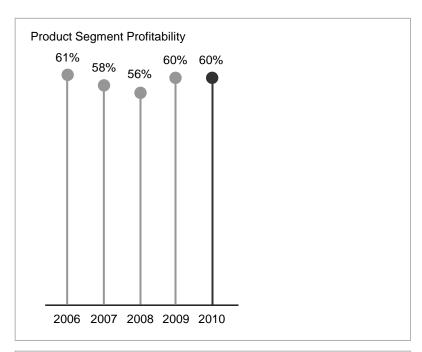


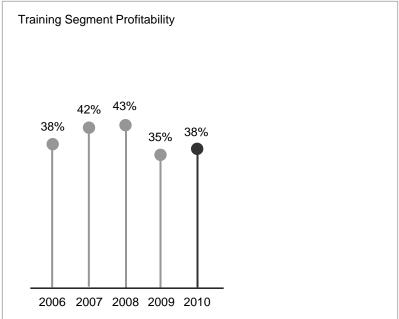


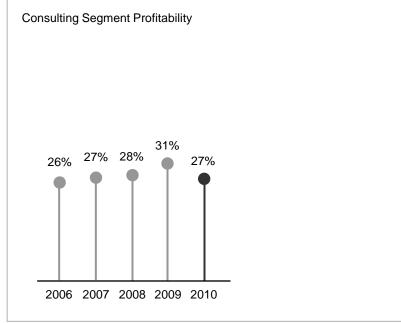


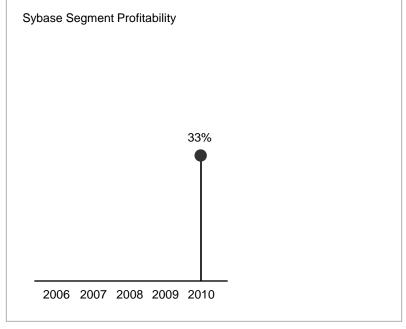


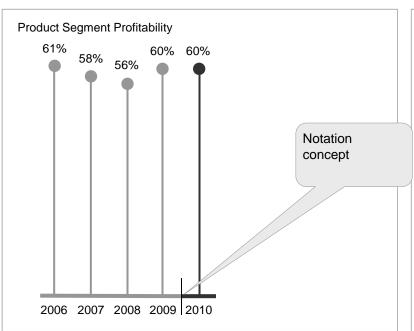


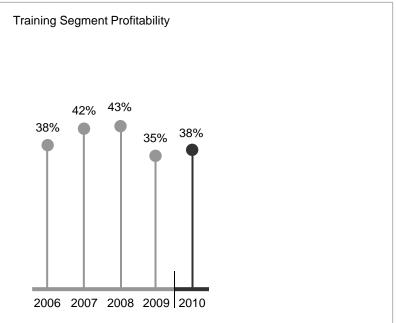


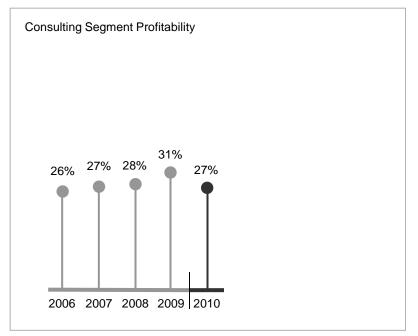


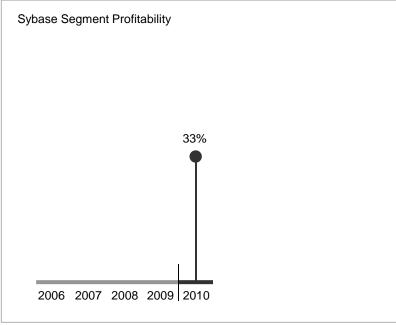


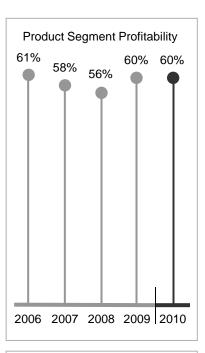


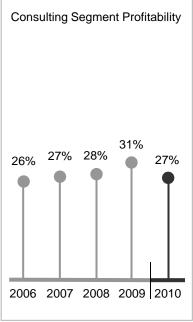


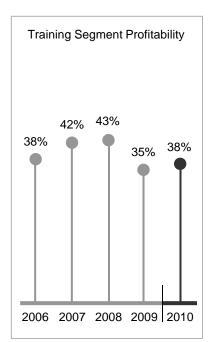


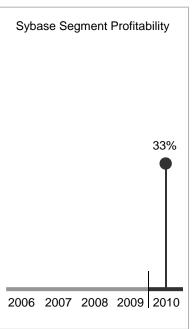


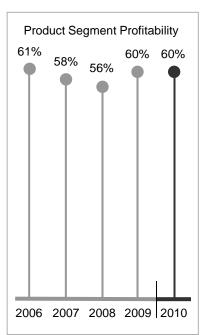


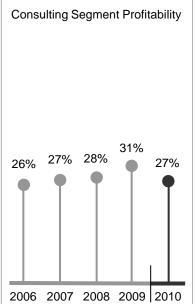


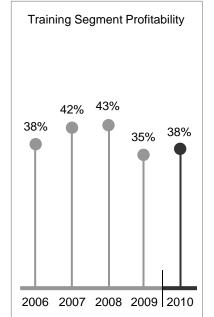


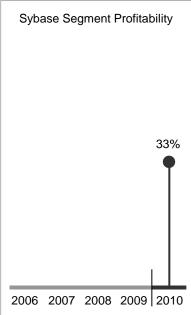


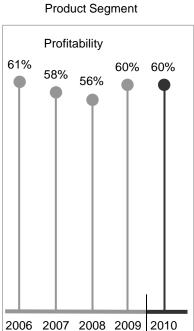


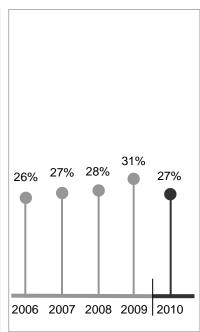




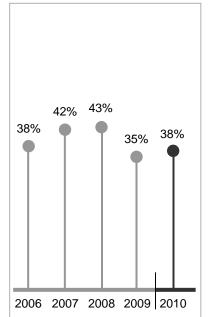




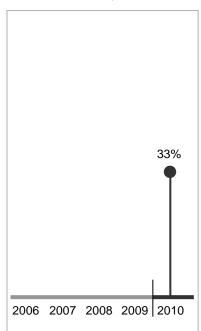




Consulting Segment



Training Segment

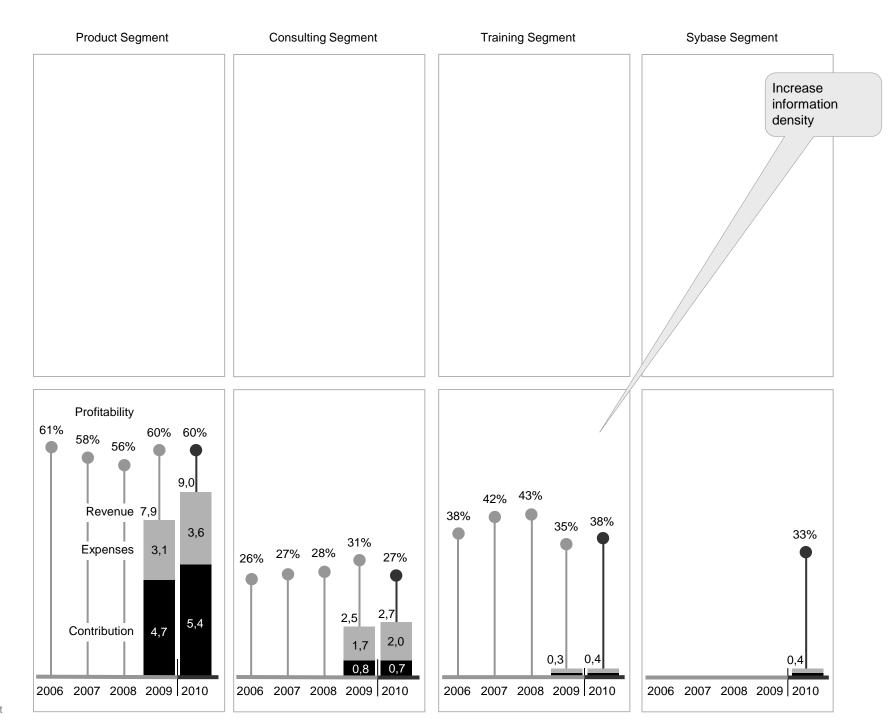


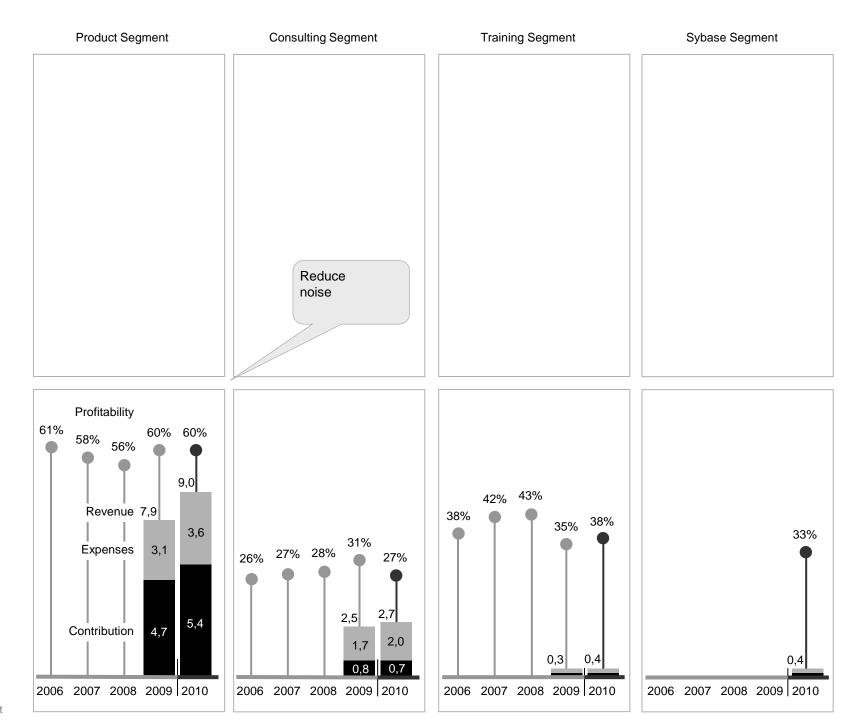
Sybase Segment

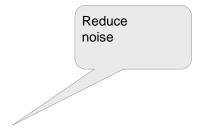
Add absolute Values (in bn EUR)

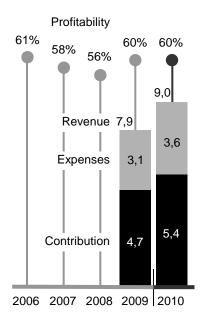
Product Segment Consulting Segment Training Segment Sybase Segment Profitability 61% 60% 60% 58% 56% 43% 42% 38% 38% 35% 33% 31% 28% 27% 26% 27% 2006 2007 2008 2009 2010 2006 2007 2008 2009 2010 2006 2007 2008 2009 2010 2006 2007 2008 2009 2010 Add absolute Values (in bn EUR) 9,0 Revenue 7,9 3,6 Expenses 3,1 2,7 2,5 5,4 Contribution 4,7 2,0 1,7 0,4 0,3 0,4 0,8 0,7 2006 2007 2008 2009 2010 2006 2007 2008 2009 2010 2006 2007 2008 2009 2010 2006 2007 2008 2009 2010

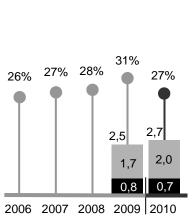
Product Segment Consulting Segment Training Segment Sybase Segment Profitability Increase 61% 60% 60% 58% information 56% density 43% 42% 38% 38% 35% 33% 31% 28% 27% 26% 27% 2006 2007 2008 2009 2010 2006 2007 2008 2009 2010 2006 2007 2008 2009 2010 2006 2007 2008 2009 2010 9,0 Revenue 7,9 3,6 Expenses 3,1 2,7 2,5 5,4 Contribution 2,0 1,7 0,4 0,3 0,4 0,8 0,7 2006 2007 2008 2009 2010 2006 2007 2008 2009 2010 2006 2007 2008 2009 2010 2006 2007 2008 2009 2010

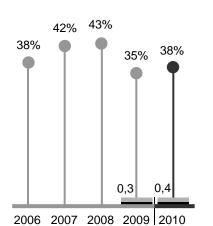


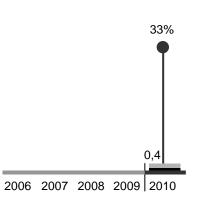


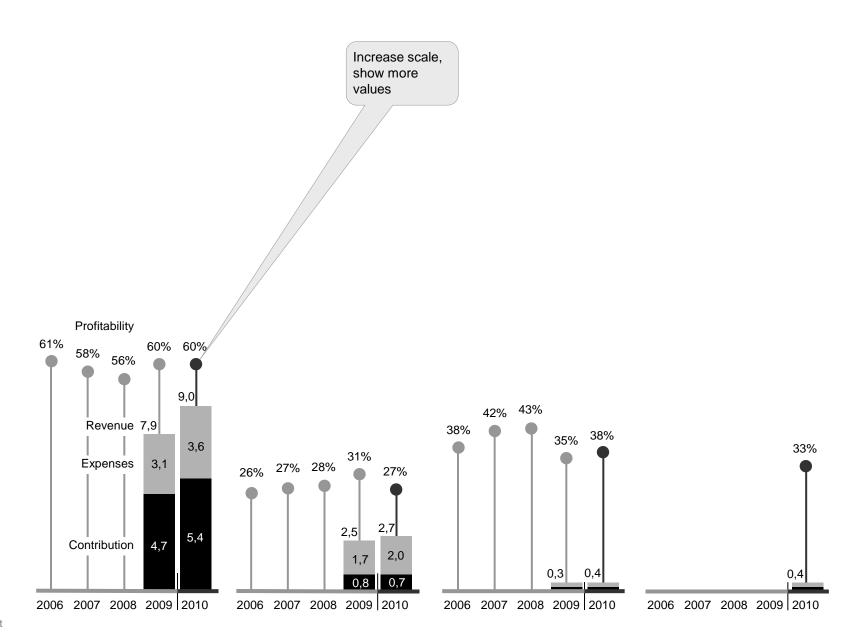


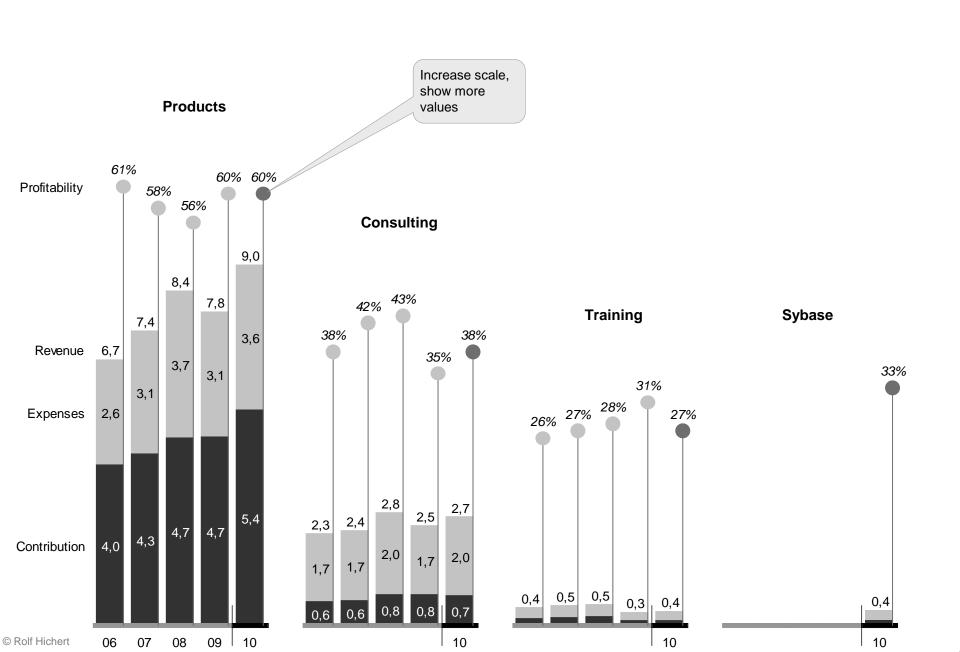


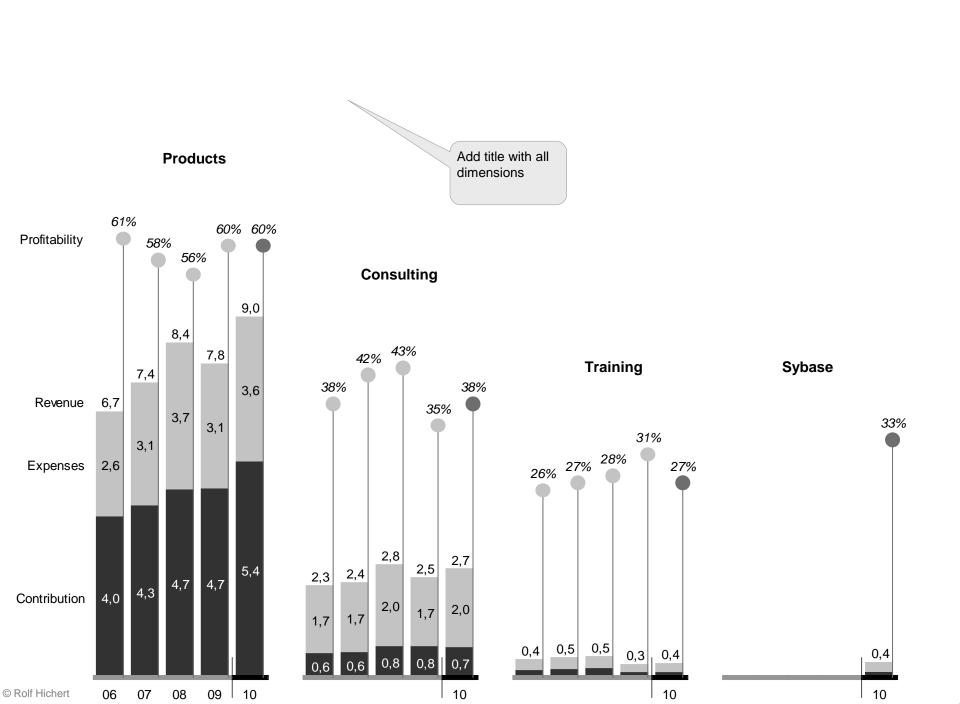


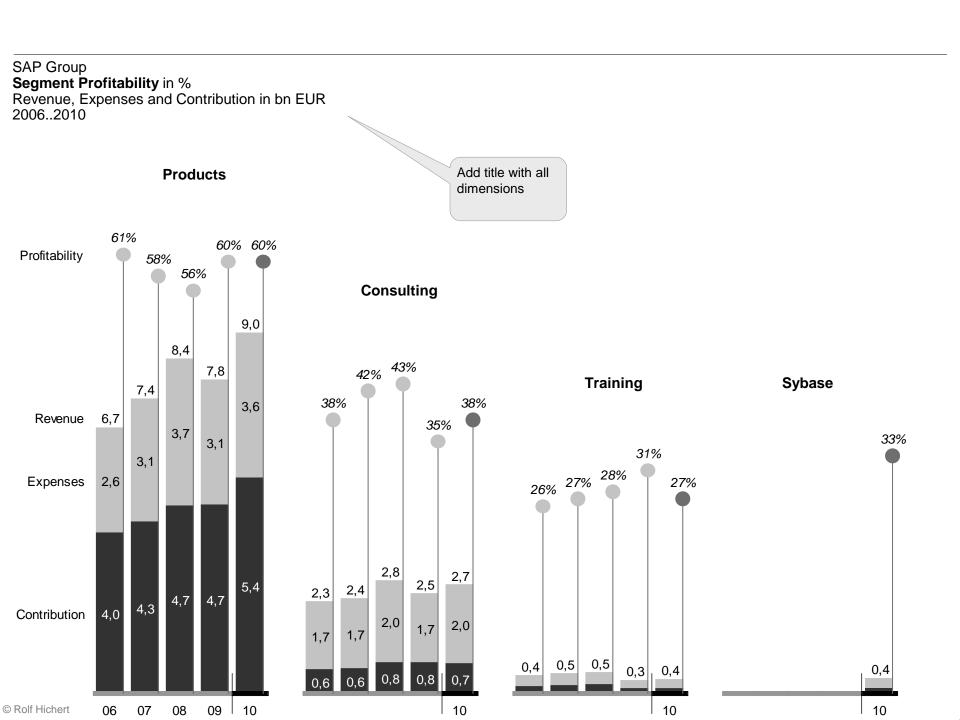


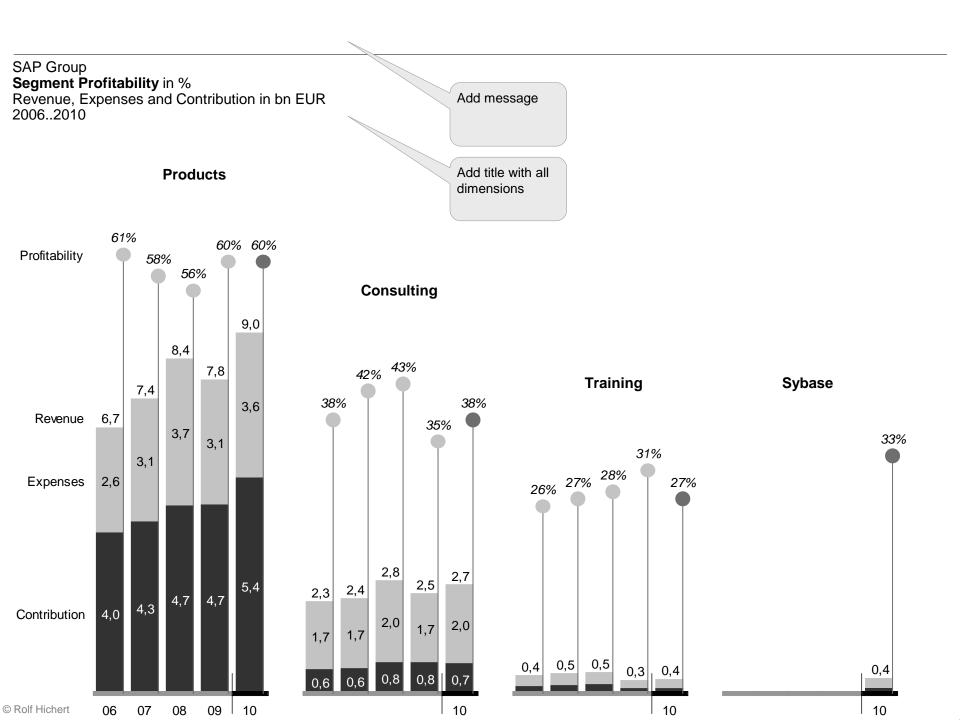


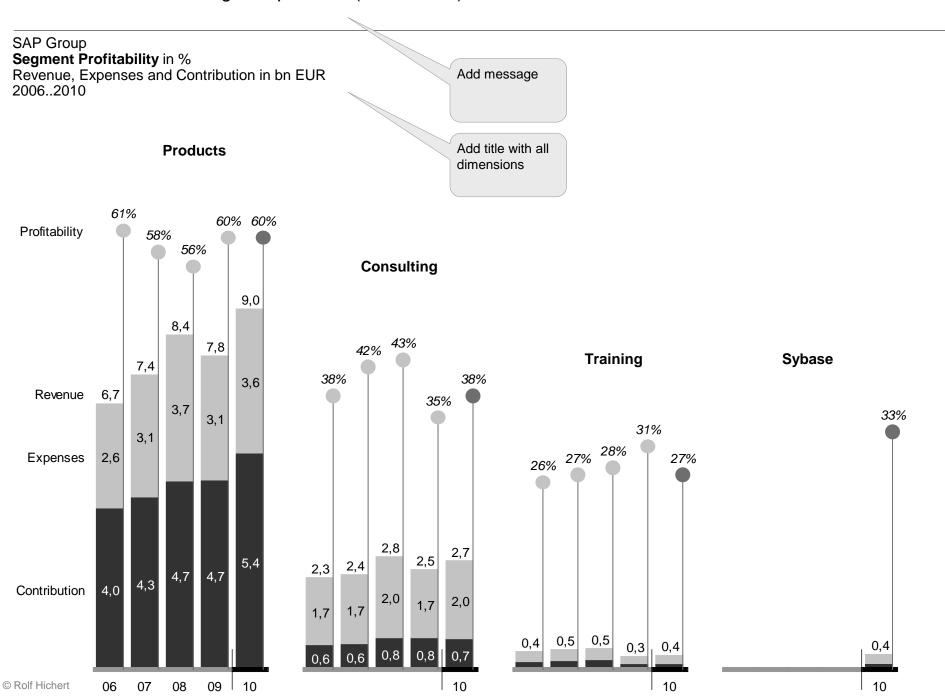


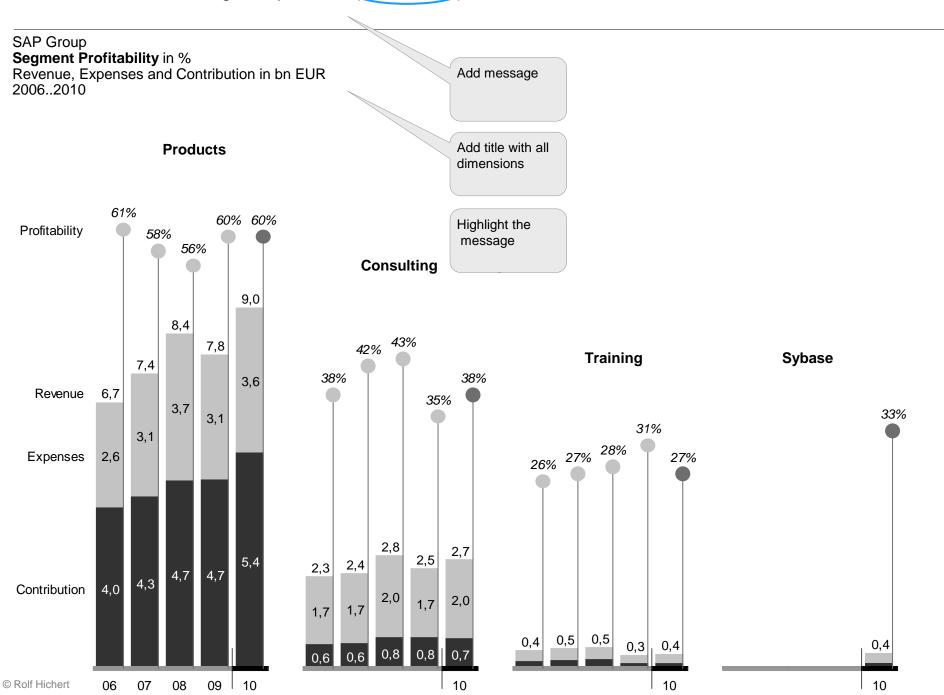


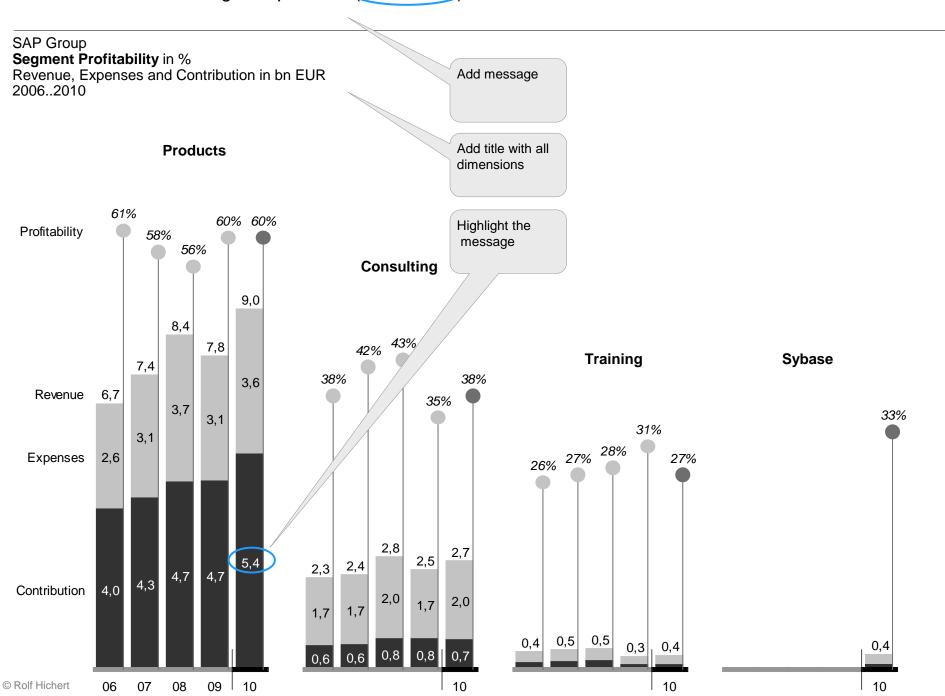






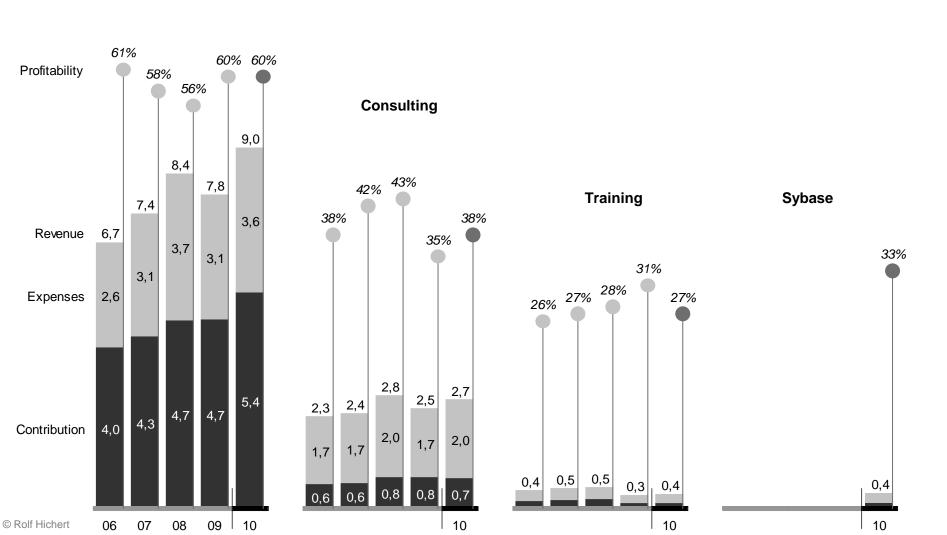






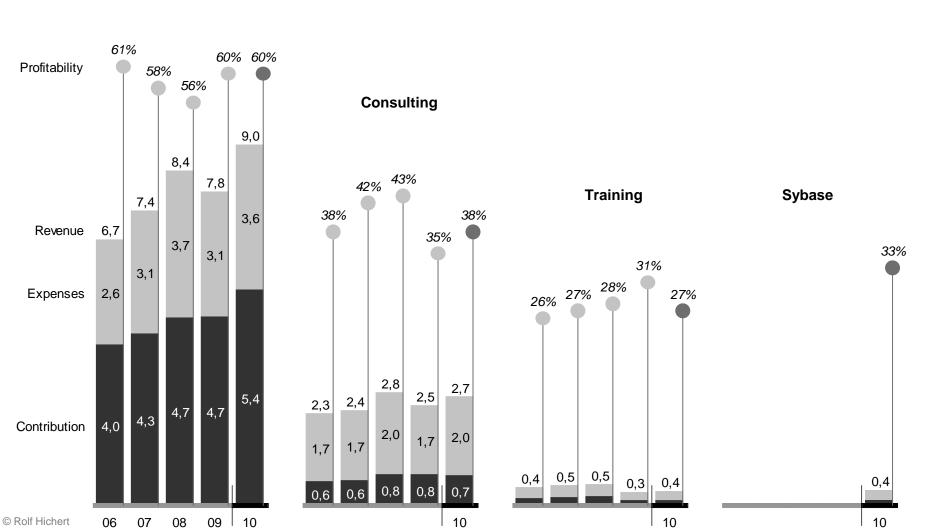


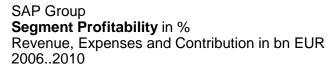
Continue with the message



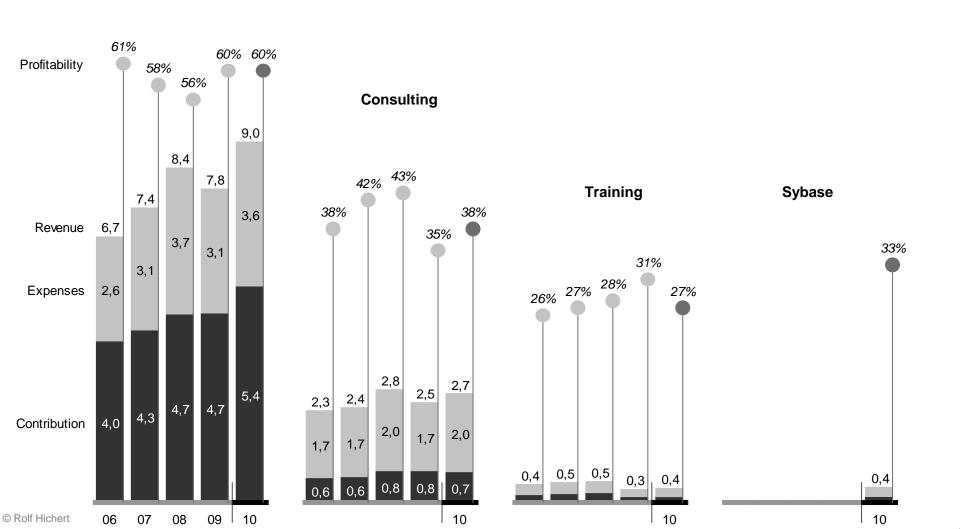


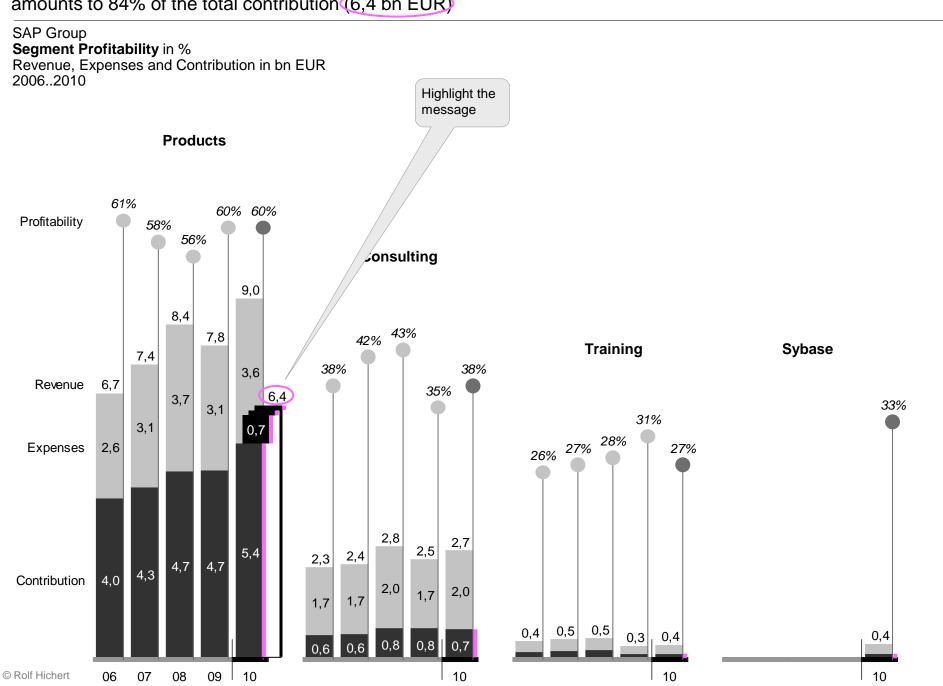


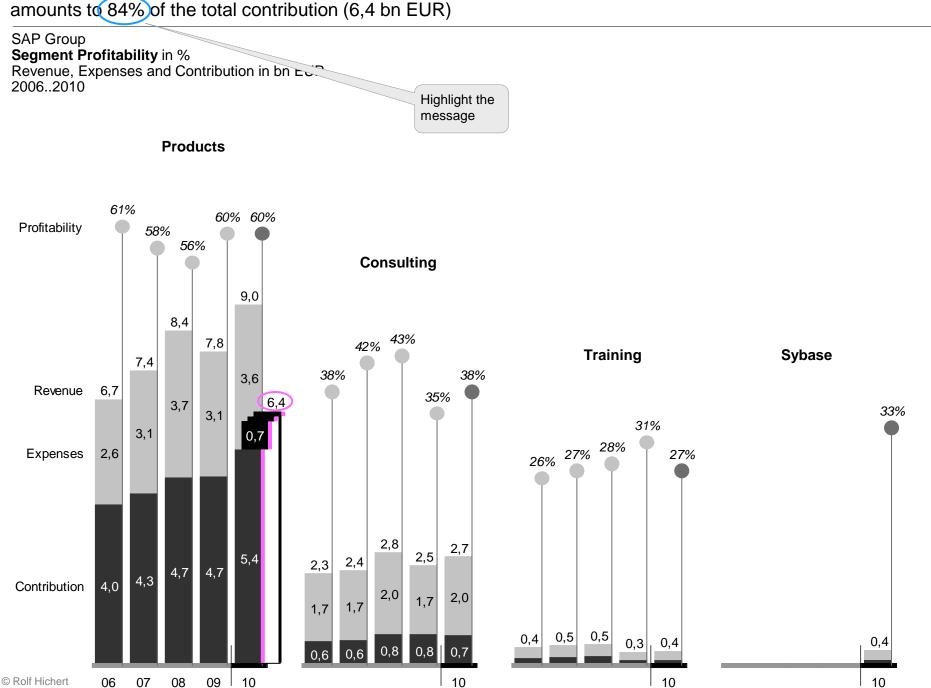


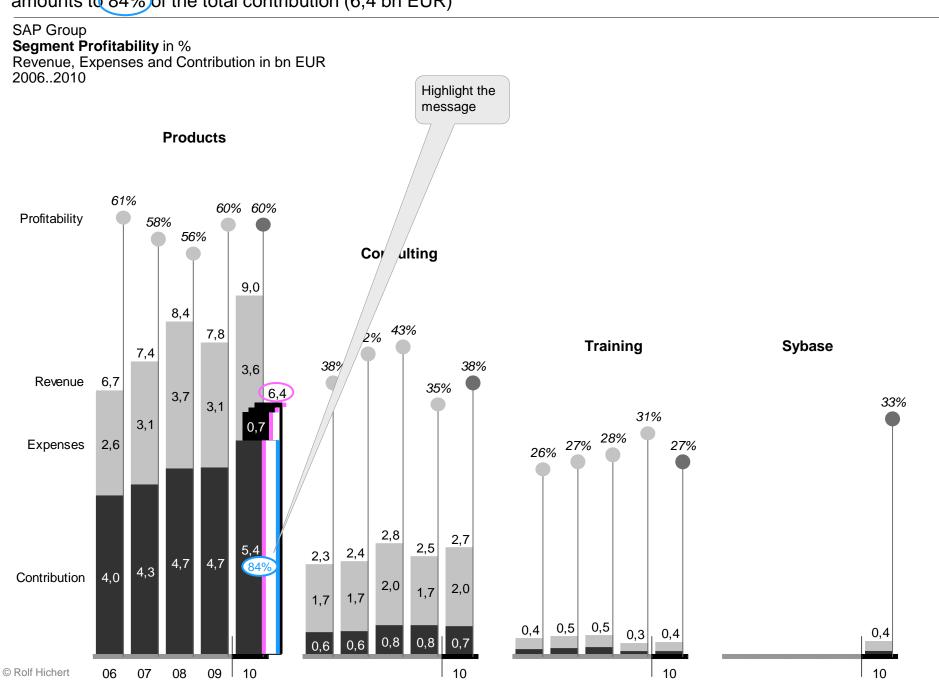






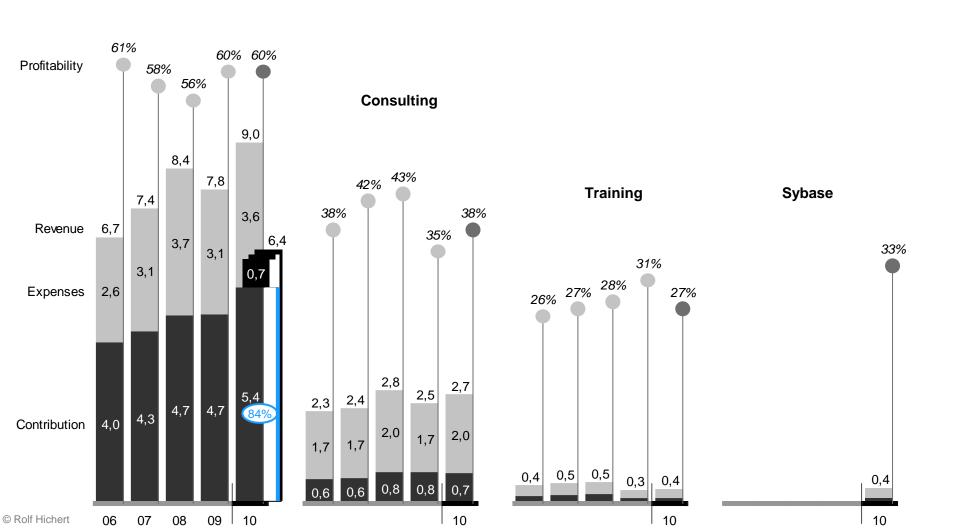






SAP Group
Segment Profitability in %
Revenue, Expenses and Contribution in bn EUR
2006..2010

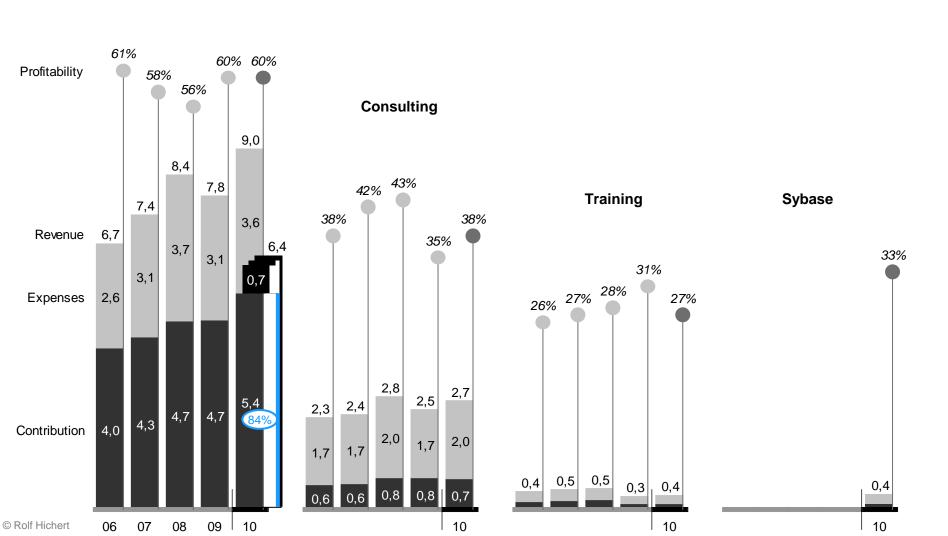




Compare with the original pages



SAP Group
Segment Profitability in %
Revenue, Expenses and Contribution in bn EUR
2006..2010



increased 14 % from €4,731 milin 2010. Product segment profit-10.

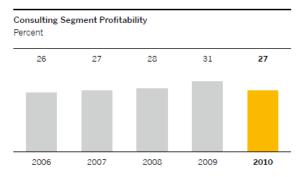
marily engaged in the implemens.

ncreased 9 % from €2,498 miln 2010. This growth reflects a volumes and prices and a 6 % s. Geographically all regions conue increase, predominantly in gion.

increased 15 % from €1,717 miln 2010. This expense growth was ents to prepare for the increased nturn in 2009.

on decreased 5 % from €781 mil-2010. Consulting segment profitared to 31 % in 2009.

rily engaged in providing educaur software products and related ners. Training services include It SAP training facilities, customer nd end-user training, as well as



Training segment revenue was €362 million in 2010, which represents an increase of 9 % from €332 million in 2009. This growth reflects a 2 % increase from changes in volumes and prices and a 7 % increase from currency effects. The Americas and APJ regions were the primary contributors to our 2010 Training segment revenue increase. In 2010, our Training segment revenue growth was especially high in North America, with a 29 % increase, whereas Training segment revenue decreased 3 % in the EMEA region.



Our Training segment expenses increased 4 % from \pounds 217 million in 2009 to \pounds 226 million in 2010. Costs increased to support the growing business activities in 2010 after the downturn in 2009.

Compare with the original pages

The Training segment contribution increased 18 % from €115 million in 2009 to €136 million in 2010. Training segment profitability was 38 % in 2010 compared to 35 % in 2009.

Sybase Segment

The Sybase segment is primarily engaged in enabling the unwired enterprise for customers and partners by delivering enterprise and mobile software solutions for information management, development, and integration.

The measurement of the result for the Sybase segment differs from the measurements for the other segments, as the Sybase segment result includes development, administration, and other corporate expenses while these expenses are excluded from the measurement of the results of the other segments.



Sybase segment revenue was €387 million, mainly driven by sales of databases, mobility solutions, and messaging services. Sybase segment expenses were €260 million in 2010.

The Sybase segment contribution was €127 million in 2010, resulting in a Sybase segment profitability of 33 %.

Finance Income, Net

Finance income, net, improved to −€6 million). Our finance income in 2010 v €37 million) and our finance costs we €117 million).

Finance income mainly consists of inf and receivables (e.g. cash, cash equiv investments; €34 million in 2010 con 2009). The decrease was mainly due tions which were partly offset by an ir ity in 2010 compared to 2009.

Finance cost mainly consists of intervilabilities (€77 million in 2010 compare 2009). The increase compared to 20 the financial debt incurred in connect acquisition. We used bank loans, bond ments to finance this acquisition. For these financing instruments, see the Financial Statements section, Note (1 pending TomorrowNow litigation caus €12 million in 2010 (2009: €0 million

Another significant contribution to the 2010 came from the derivatives that financial risk management strategy. It time value effects that were reflected amount of €25 million (2009: €0 mill expense with an amount of of €31 million.

Management Report

increased 14 % from €4,731 milin 2010. Product segment profit-10.

marily engaged in the implemens.

ncreased 9 % from €2,498 miln 2010. This growth reflects a volumes and prices and a 6 % s. Geographically all regions conue increase, predominantly in gion.

increased 15 % from €1,717 miln 2010. This expense growth was ents to prepare for the increased nturn in 2009.

on decreased 5 % from €781 mil-2010. Consulting segment profitared to 31 % in 2009.

rily engaged in providing educaur software products and related ners. Training services include It SAP training facilities, customer nd end-user training, as well as



Training segment revenue was €362 million in 2010, which represents an increase of 9 % from €332 million in 2009. This growth reflects a 2 % increase from changes in volumes and prices and a 7 % increase from currency effects. The Americas and APJ regions were the primary contributors to our 2010 Training segment revenue increase. In 2010, our Training segment revenue growth was especially high in North America, with a 29 % increase, whereas Training segment revenue decreased 3 % in the EMEA region.



Our Training segment expenses increased 4 % from €217 million in 2009 to €226 million in 2010. Costs increased to support the growing business activities in 2010 after the downturn in 2009.



The Training segment contribution increased 18 % from €115 million in 2009 to €136 million in 2010. Training segment profitability was 38 % in 2010 compared to 35 % in 2009.

Sybase Segment

The Sybase segment is primarily engaged in enabling the unwired enterprise for customers and partners by delivering enterprise and mobile software solutions for information management, development, and integration.

The measurement of the result for the Sybase segment differs from the measurements for the other segments, as the Sybase segment result includes development, administration, and other corporate expenses while these expenses are excluded from the measurement of the results of the other segments.



Sybase segment revenue was €387 million, mainly driven by sales of databases, mobility solutions, and messaging services. Sybase segment expenses were €260 million in 2010.

The Sybase segment contribution was €127 million in 2010, resulting in a Sybase segment profitability of 33 %.

Finance Income, Net

Finance income, net, improved to −€I million). Our finance income in 2010 v €37 million) and our finance costs we €117 million).

Finance income mainly consists of int and receivables (e.g. cash, cash equivinvestments; €34 million in 2010 con 2009). The decrease was mainly due tions which were partly offset by an irity in 2010 compared to 2009.

Finance cost mainly consists of inter liabilities (€77 million in 2010 compared 2009). The increase compared to 20 the financial debt incurred in connect acquisition. We used bank loans, boruments to finance this acquisition. For these financing instruments, see the Financial Statements section, Note (1 pending TomorrowNow litigation caus €12 million in 2010 (2009: €0 million

Another significant contribution to the 2010 came from the derivatives that financial risk management strategy. It time value effects that were reflected amount of €25 million (2009: €0 million expense with an amount of of €31 million.

Management Report

If you want to see more visit us at www.hichert.com – or directly at www.vorher-nachher.hichert.com.

Regards Rolf Hichert rh@hichert.com



info@hichert.com www.hichert.com © 2011 HICHERT+PARTNER AG

