

eMeasurement-Ansätze in anderen Disziplinen

Seminar

Web-Qualitätsmanagement

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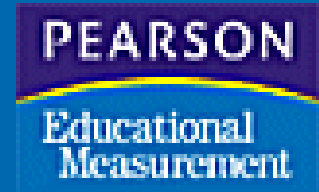
Motivation und Begriffswelt

- 1938, speicherprogrammierbare Rechenmaschine von Konrad Zuse
- 1969, ARPANET
- 1970, der erste Mikroprozessor
- 1990, das erste WWW-Programm
- Messgeräte
- Kopplung von Messgeräten mit WWW
- „andere“ Disziplinen





eMeasurement in der Ausbildung

NCS Pearson's Web-based test administration system



Katherine V Lane - Demo Math Test

Click and drag on the ruler to measure the object below. How many units long is the row of stones?



A 7.5
 B 8.5
 C 9.0
 D 9.5

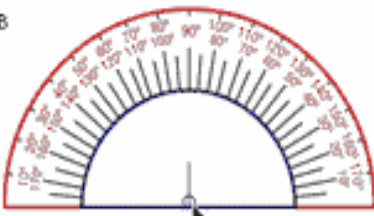

Item 2 of 10 in Section 2 of 2 Mark For Review

Previous Reset Exhibit Next

Warning: Applet Window

Katherine V Lane - Demo Math Test

Click and drag the protractor so that you can use it to measure the figure shown above. What is the measure of angle B shown above?



A 25°
 B 30°
 C 35°
 D 45°

Item 2 of 10 in Section 2 of 2 Mark For Review

Previous Reset Exhibit Next

Warning: Applet Window

<http://etest.ncs.com>

eMeasurement-Ansätze in
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eMeasurement in der Wirtschaft

➤ Decision Tools

- Kostenmanagement
- Investitionsplanung
- Anbieter Auswahl

➤ Rapid Assessment

- Überblick über die IT-Landschaft

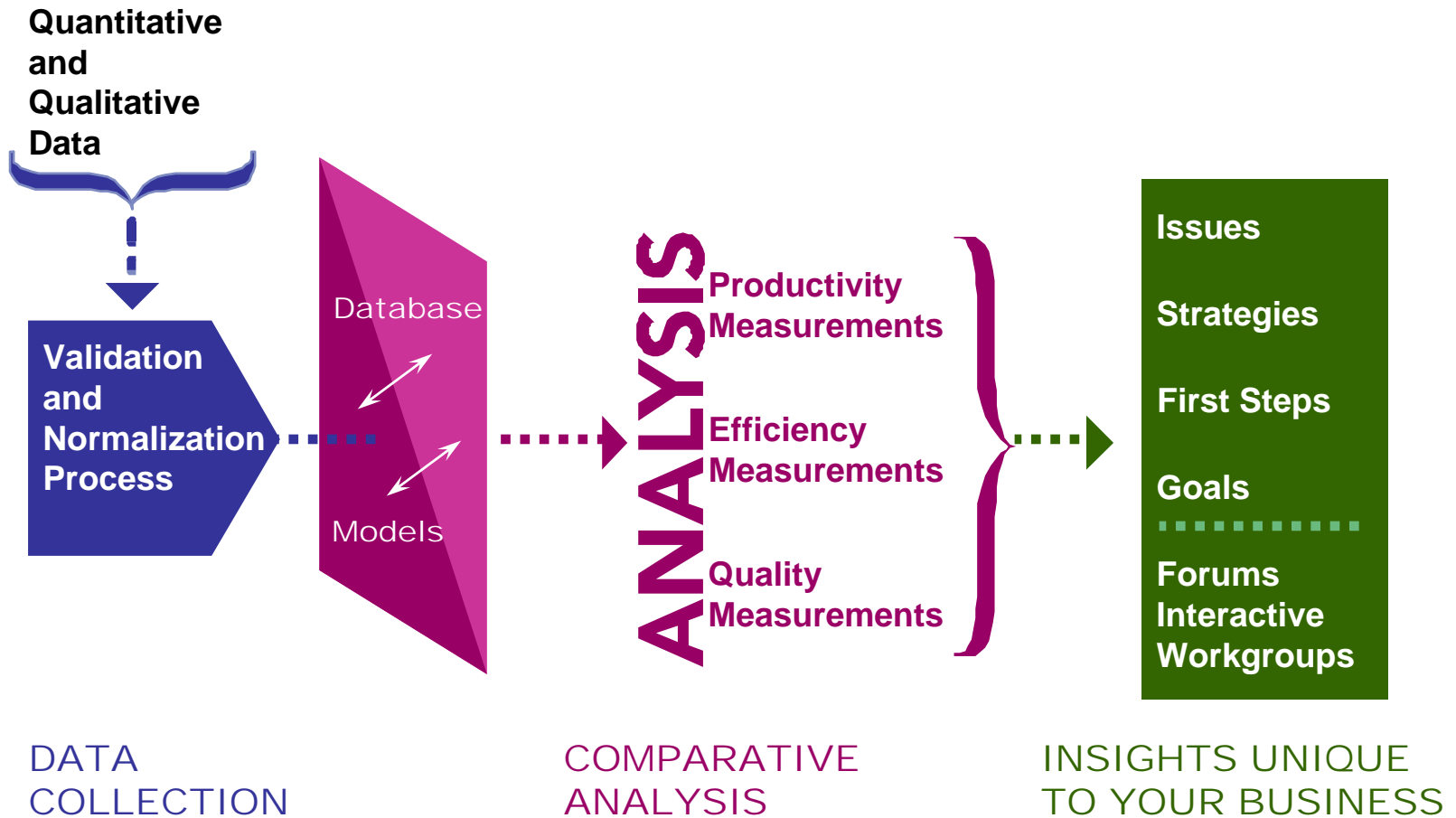
➤ Performance Management

- Produktivität und Effizienz

<http://www3.gartner.com>

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Gartner Group Measurement



eMeasurement Input für die Investitionsplanung

Annual Financial Benefit	Conservative	Optimistic	Current Scenario **Sample1**		Available Models
	\$4,352,654	\$6,144,923			Manage User Profile

Decision Tools for Investment Planning™

Complete these questions and proceed to the Results or Optional Input.

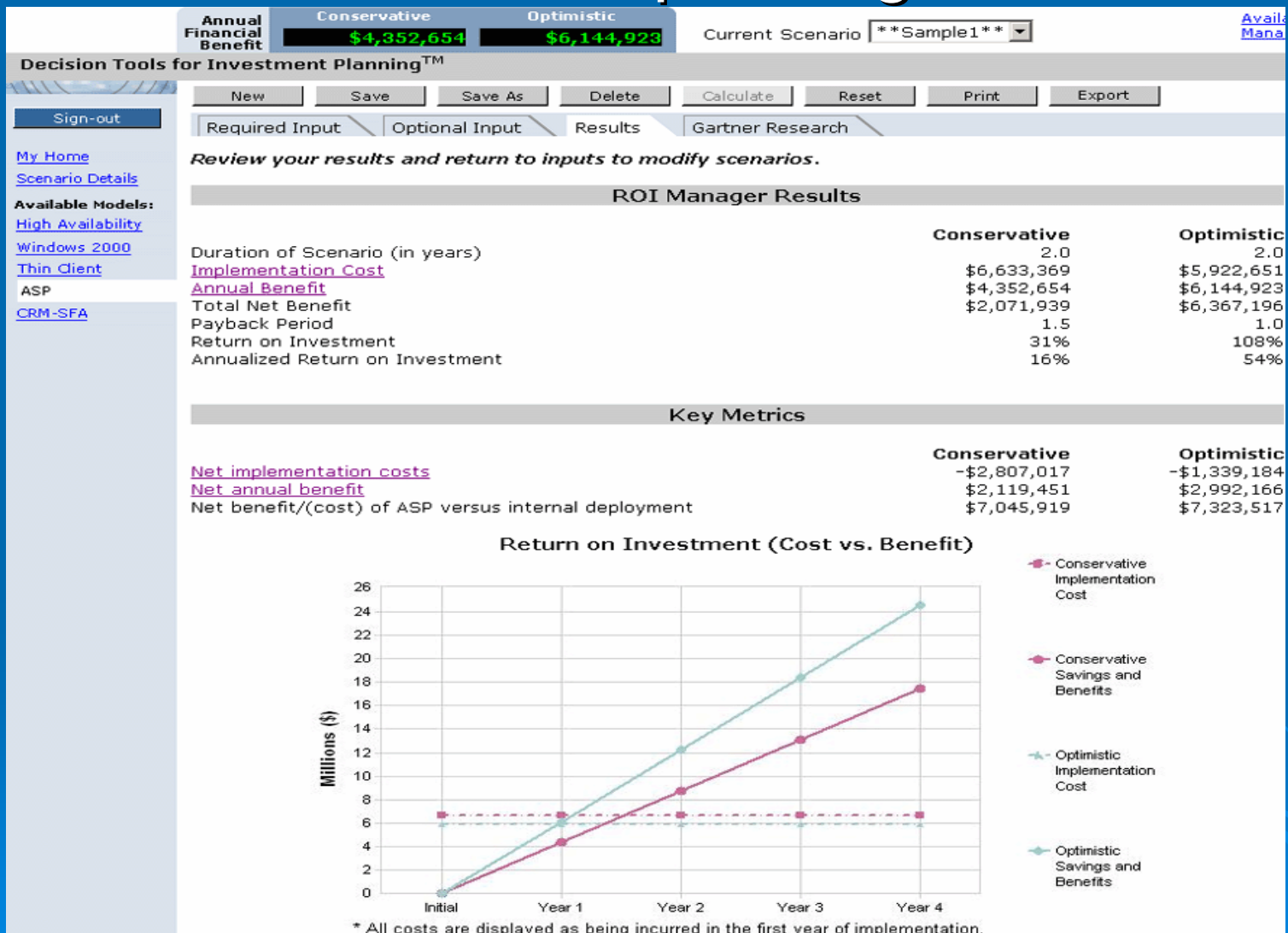
Enterprise

Enter information about the application business case.

User Profile		Average Annual Savings and Revenue Profile	
Number of users accessing the application:	<input type="text" value="1000"/>	Cost savings generated by application (\$):	<input type="text" value="0"/>
Usage rate:	<input type="text" value="5%"/>	Revenue increase generated by application (\$):	<input type="text" value="500000"/>
Average user salary (\$):	<input type="text" value="75000"/>		
Productivity increase generated by application:	<input type="text" value="0%"/>		

Characteristics	Low					High					
	1	2	3	4	5	1	2	3	4	5	
Competitive nature of industry:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	Highly customized application vs. standard package:	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Highly integrated application vs. standalone package:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	Use of proprietary technologies:	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Degree of expertise in application deployment:	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Ability to acquire staff to deploy applications:	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

eMeasurement Output für die Investitionsplanung

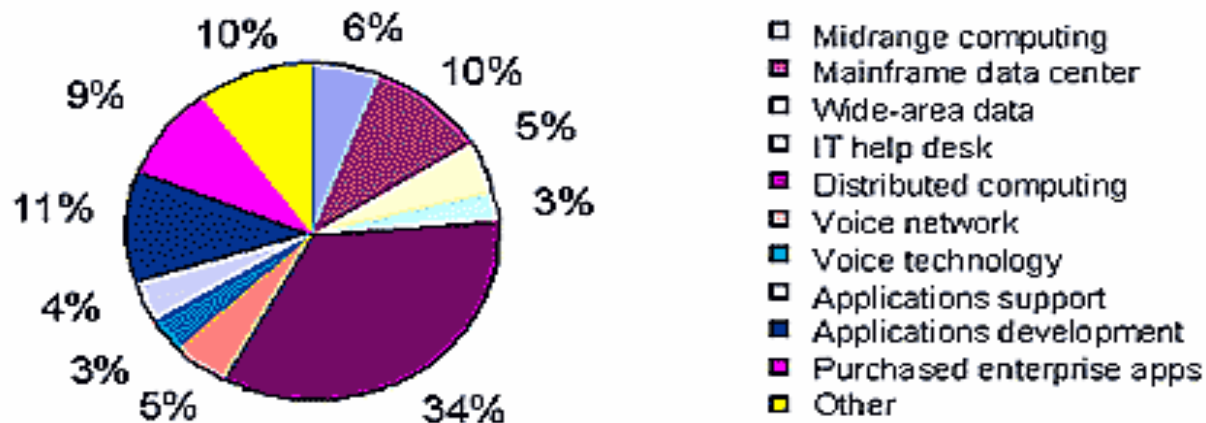


eMeasurement Output für die IT-Landschaft

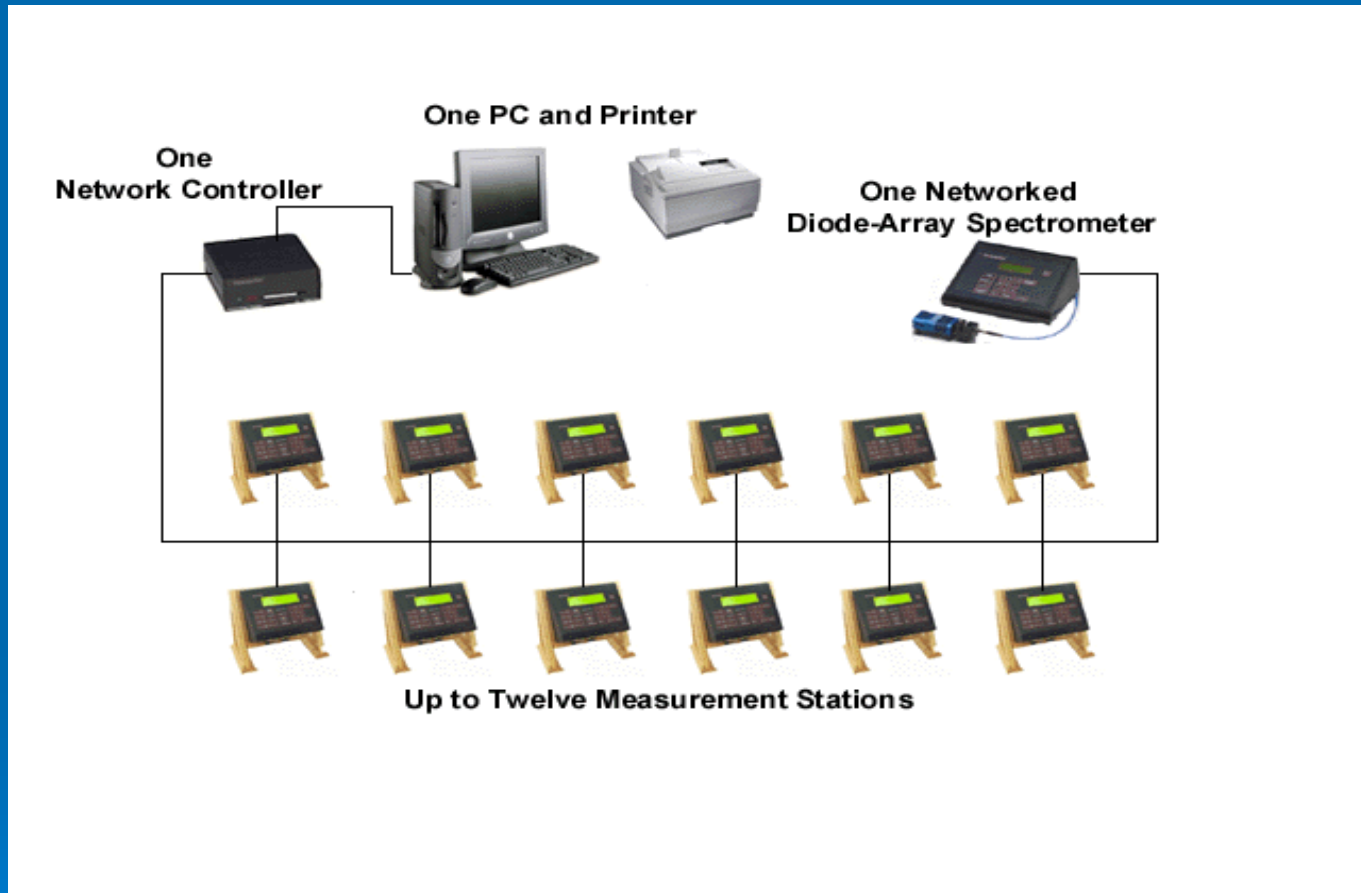
Executive Summary Total Cost by Technical Area

Financial Breakdown

- IS spending as captured by the Gartner Measurement Consensus Model totals \$70.6M and is broken down as follows:



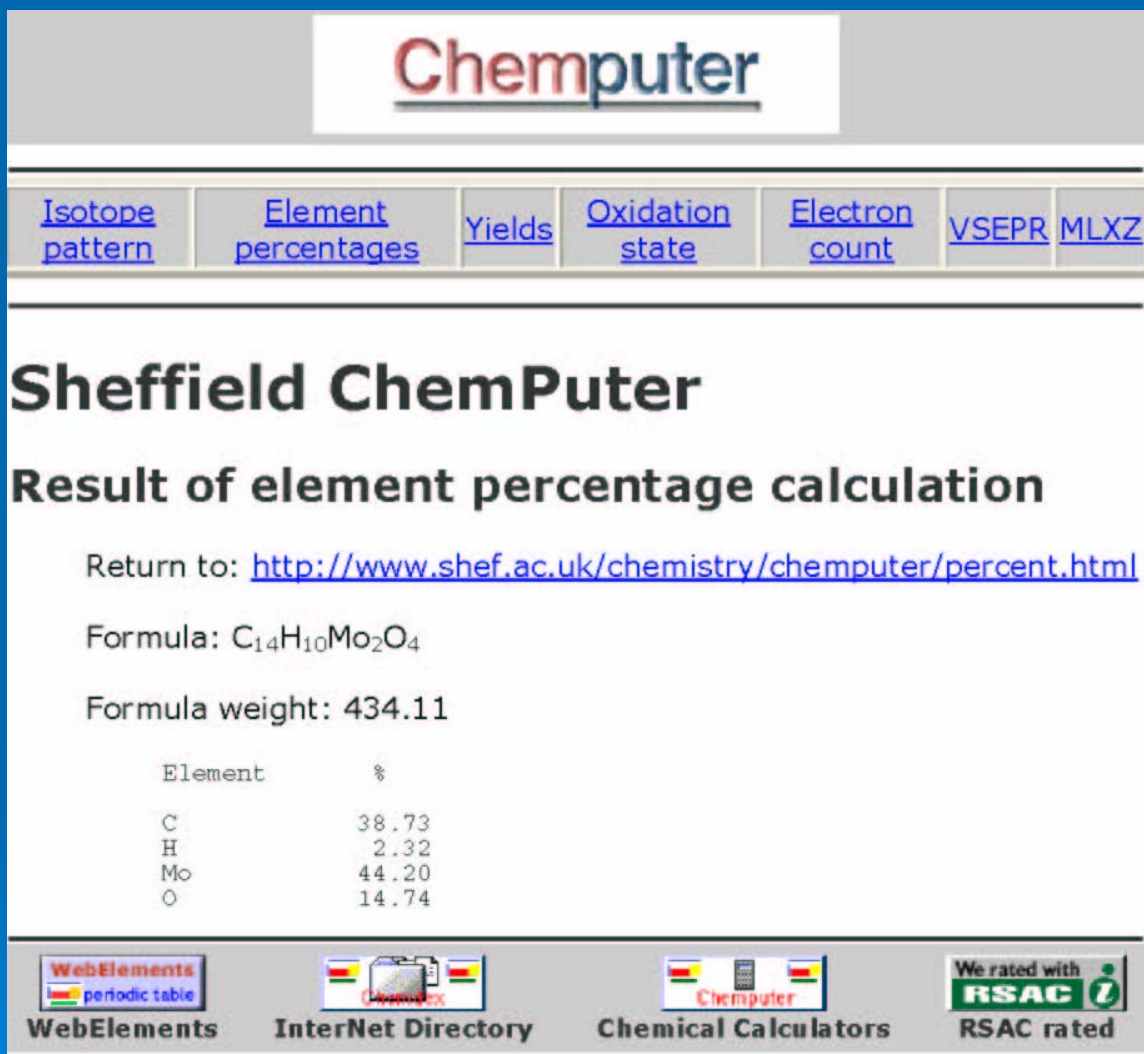
eMeasurement Services in der Chemie



<http://www.measurenet-tech.com>

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eMeasurement Services in der Chemie



Chemputer

[Isotope pattern](#) [Element percentages](#) [Yields](#) [Oxidation state](#) [Electron count](#) [VSEPR](#) [MLXZ](#)

Sheffield ChemPutter

Result of element percentage calculation

Return to: <http://www.shef.ac.uk/chemistry/chemputer/percent.html>

Formula: $C_{14}H_{10}Mo_2O_4$

Formula weight: 434.11

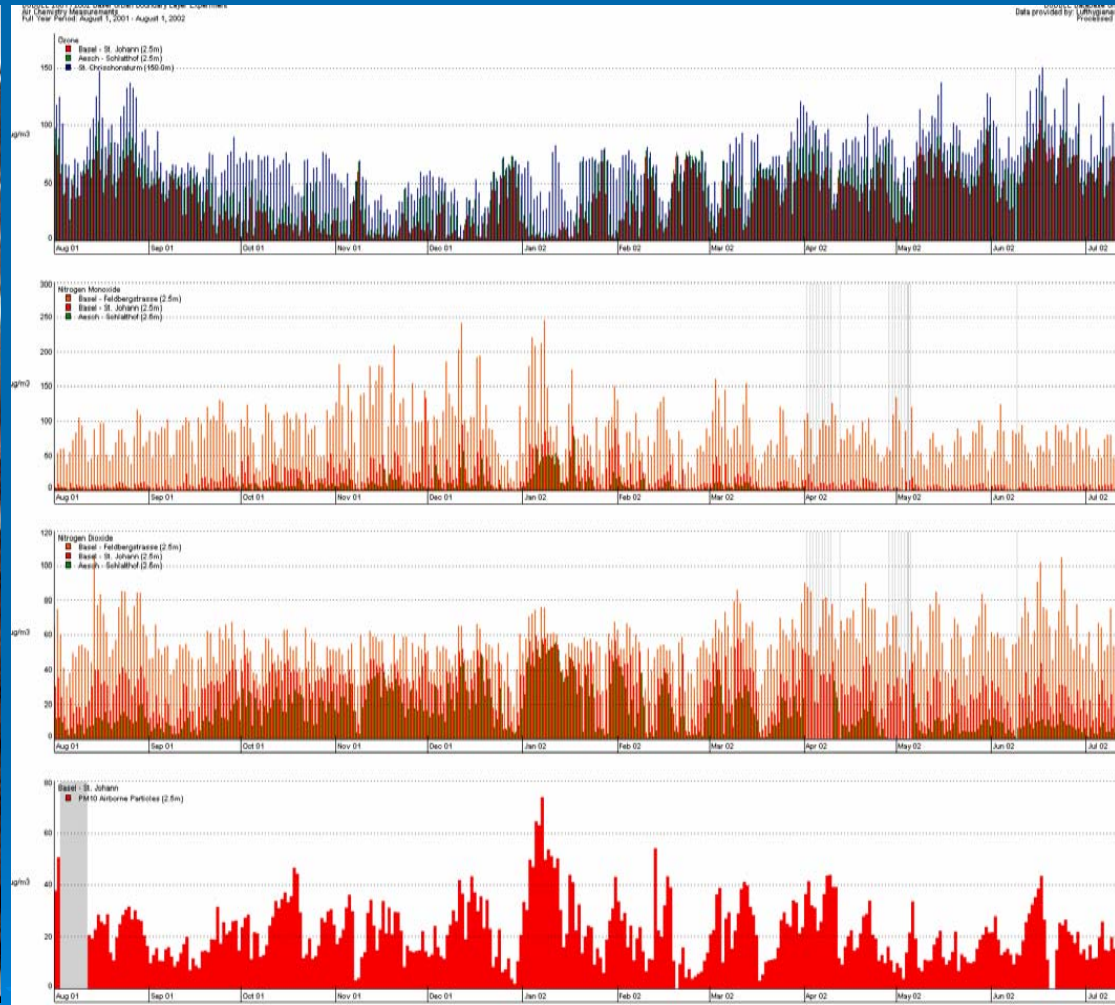
Element	%
C	38.73
H	2.32
Mo	44.20
O	14.74

WebElements periodic table | InterNet Directory | Chemical Calculators | We rated with RSAC RSAC rated

<http://www.shef.ac.uk/chemistry/chemputer>

eMeasurement-Ansätze in
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eMeasurement Services in der Ökologie



http://www.unibas.ch/geo/mcr/Projects/BUBBLE/textpages/dc_chemistry.en.htm

eMeasurement Services in der Genetik

WebGenetics(sm): Restriction enzyme analysis of DNA sequences [help](#)

Note that the enzyme names must NOT contain spaces in them. For example, EcoR I must be given as EcoRI, NOT EcoR I. Case is not important.

DNA topology linear circular
DNA sequence(s)
or paste below [note](#)

What to get?

Enzymes to use

Enzyme name(s) (separate enzyme names with space(s), no commas)

Cutting length * [help](#)

Cutting end type * [help](#)

Cutting numbers * [help](#)

Pattern a enzyme must recognize * [help](#)

Allow ambiguous matches? No Yes [help](#)

[Basics](#) | [FAQ](#) | [Feedback](#)

<http://www.webgenetics.com>

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eMeasurement in der Geographie

Stadtplanservice

Route
Start: D-39106 Magdeburg
Ziel: UA- Kyjiv/Kharkivs'kyi Raion
Strecke: 1.507 km
Fahrzeit: 24:26 Std.
Optionen: mittlerer PKW, kurzer Weg

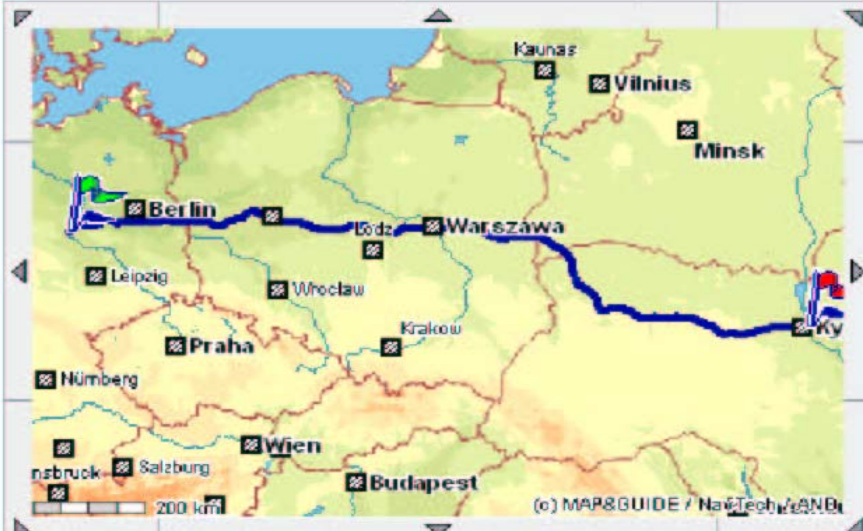
[Zurück zur Wegbeschreibung](#)

Routenabschnitte

→ Routenübersicht

verkleinern 1000 km 100 km 10 km 1 km 100 m vergrößern

In der Karte anzeigen: **Points of Interest** Branchen



(c) MAP&GUIDE / NavTech/ANB

<http://www.routenplanung.de/index.jsp>

eMeasurement in der Politik

Akademischer E-Voting Wahltest 2004
Anmelden über können Sie Ihren rechtsgültigen Wahlkarte beauftragen. Wählen Sie Ihren akademischen Wahlkreis in der Liste.
Für die Teilnahme an der Wahltestwahl sind Sie verpflichtet, Ihre Wahlkarte zu beauftragen. **Wahltest!**

- HOTLINE: +43-1-31395-5622

- HILFE

Willkommen
zum
Wahltest

**zur Testwahl gehts hier
weiter →**

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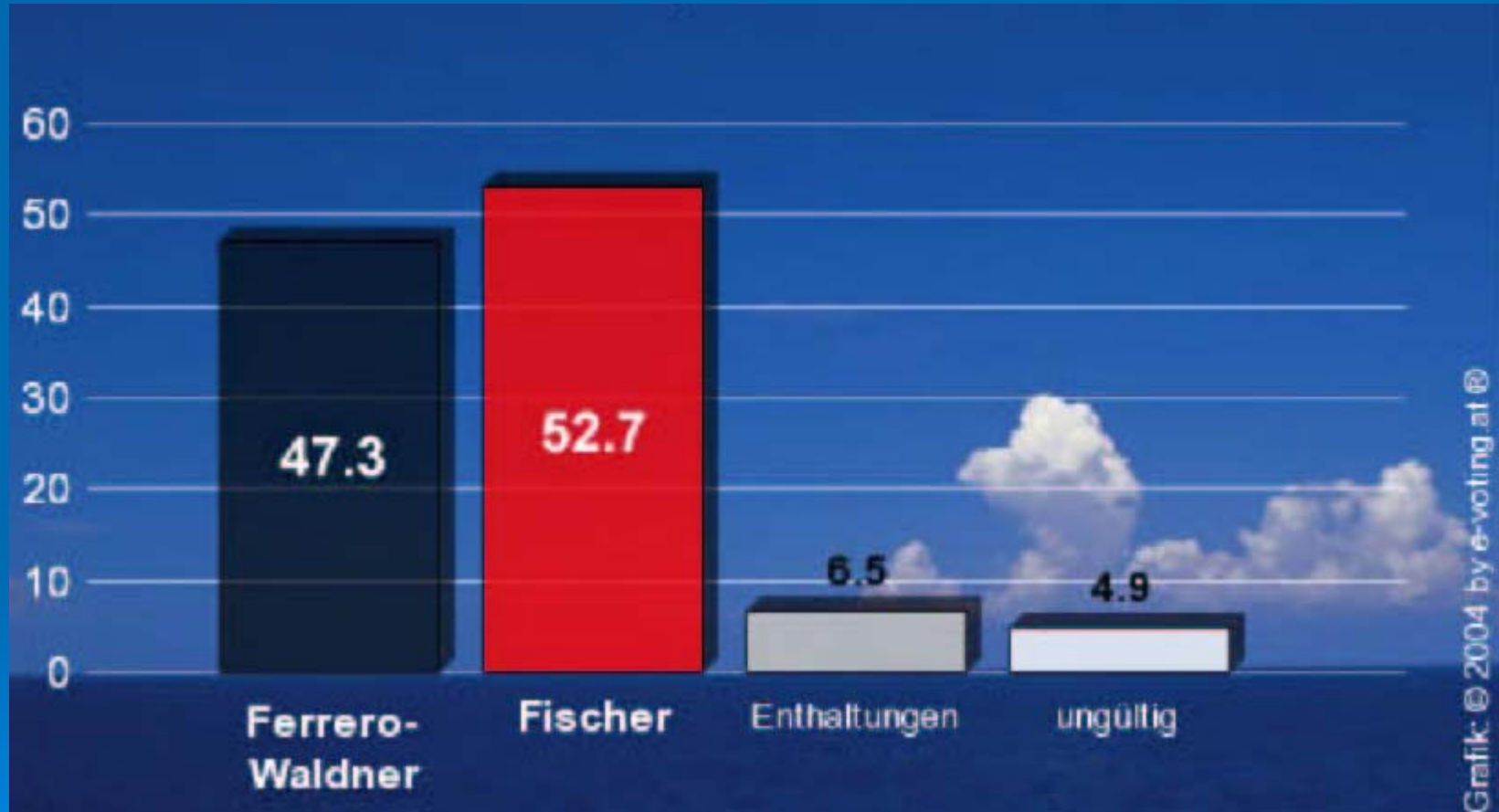
e-Voting.at

A-Trust
Sponsoring
Partner
e-Voting.at

→ homepage of
www.e-Voting.at

E-VOTING.AT
CLICK TO GO
PLEASE CHOOSE LANGUAGE
ENGLISH
GERMAN

Wahltest zur Bundespräsidentenschaftswahl 2004



Fazit

- Vielfalt von Webbasierte Measurements
- Erfolgreiche Entwicklung und Anwendung von Websystemen
- Bewertung, Anpassung, Erweiterung und Verbesserung von Webbasierten Softwaresystemen und Webtechnologien