Vision for media planning data in the next decade: New concepts for intermedia research

EMRO Annual Conference 09 June – 12 June 2012 Brighton, UK

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### New concepts for intermedia research - RELOADED

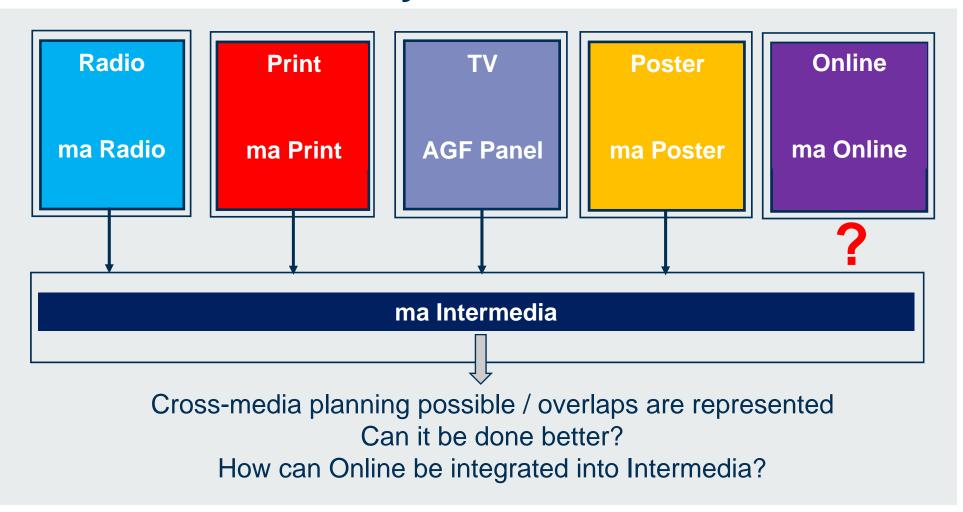
Part I2010Mallorca, SpainPart II2011Krakow, Poland

Now showing:

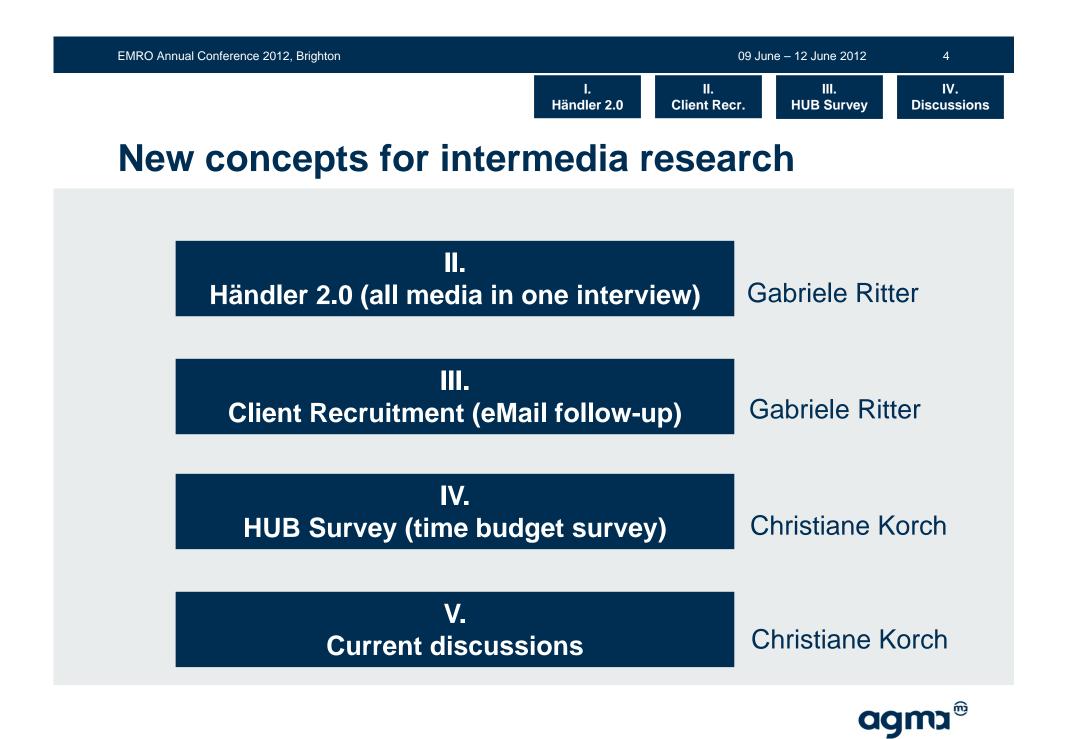
Part III 2012 Brighton, UK

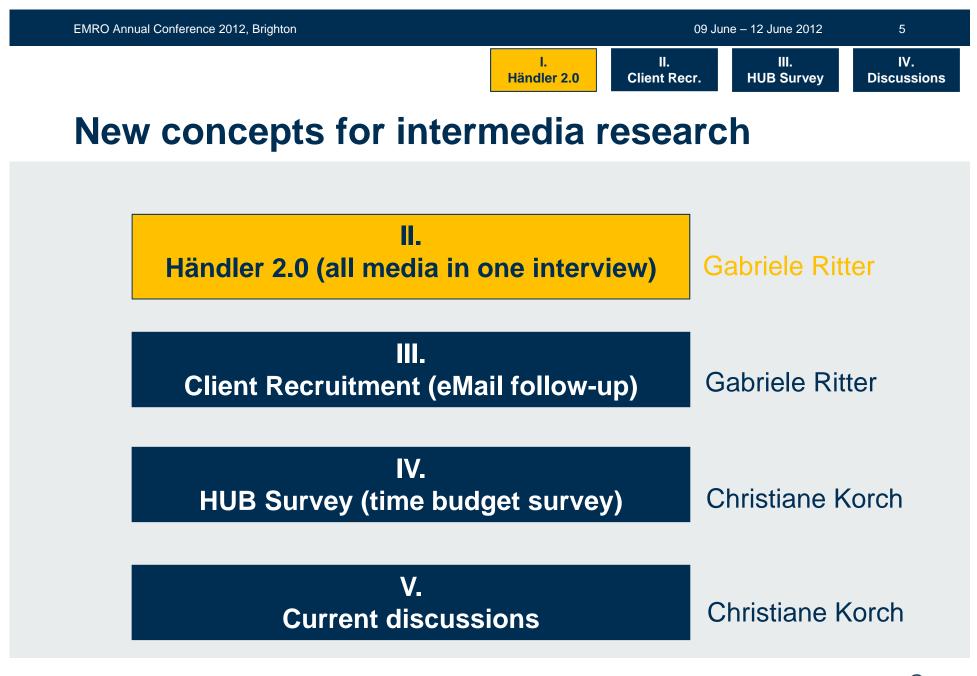


### ma Intermedia today









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### Additional questions in the ma Print Media

|                            | . 0   |  |         |  |  |  |  |
|----------------------------|---|--|---------|--|--|--|--|
|                            |   |  |         |  |  |  |  |
|                            |   |  |         |  |  |  |  |
|                            | Additional  | Radio                                      |         |  |  |  |  |
|                            | questions for   | TV   |         |  |  |  |  |
|                            | Online via client recruitment through e-mail follow-up survey |  |         |  |  |  |  |
| Conseq<br>Risk:<br>Therefo | Currenc   | ant expansion of the query p<br>cy effects | orogram |  |  |  |  |





## Pre-test: Objectives

- In a field test of the Händler Model, the feasibility of the modified questionnaire and potential impacts due to the changed questionnaire are to be tested.
- Newly integrated were questions on
  - Radio reception and radio usage
  - TV reception and TV usage
- For this purpose, results from the Händler test will be compared to the results from the ma Print Media CASI or other surveys.



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#### 1. Händler 2.0 Händler 2.0 **Client Recr. Pre-test: Methodological profile**

| Overall population:       | Population over the age of 14   |  |  |  |  |
|---------------------------|---|--|--|--|--|
| Selection method:         | Use of 124 sample points from the network of the first Print Media wave of the ma 2012, random selection of households based on the conducted address survey, selection of the individual to be polled via Kish selection grid, secondary interviews in households with at least 4 individuals over the age of 14 |  |  |  |  |
| Survey method:            | CASI, 2 institutes (MMA and IFAK)   |  |  |  |  |
| Evaluation:               | Transformed, weighted data  |  |  |  |  |
|                           |   |  |  |  |  |
|                           | Händler model   | Comparison group from the first Print  |  |  |  |
|                           |   | Media wave of the ma 2012 (CASI)   |  |  |  |
| Sample:                   | n = 517 cases (499 primary and 18 secondary interviews)   |  |  |  |  |
| Sample:<br>Response rate: | n = 517 cases (499 primary and 18   | Media wave of the ma 2012 (CASI)<br>n = 500 cases (484 primary and 16  |  |  |  |
|                           | n = 517 cases (499 primary and 18 secondary interviews)   | Media wave of the ma 2012 (CASI)n = 500 cases (484 primary and 16<br>secondary interviews)78.1% (survey was not yet concluded at |  |  |  |



## **Pre-test: Methodological profile**

**Interview duration:** 

ma Print Media (CASI) 45:54 min.

Händler test (CASI) 48:03 min. / 48:30 min.



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### **Comparison of the results Händler vs. ma Print Media:**

**Statistics** 

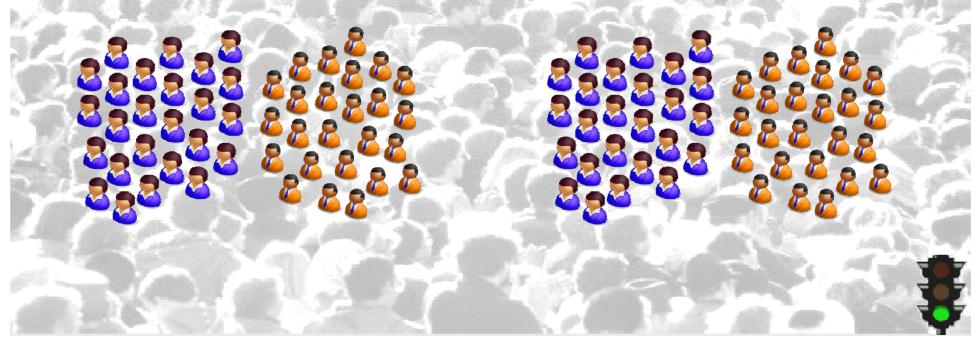






## vs. ma Print Media: Demographics

The comparison of the sociodemographic structures of the two realized samples resulted in no significant deviations.







### Comparison of the results Händler vs. AGF Panel:

TV usage





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**HUB Survey** 

l. Händler 2.0

II. Client Recr. IV. Discussions

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### Händler 2.0 vs. AGF Panel: TV (1)

|                      | AF<br>AR |      | R       |      | ZC<br>C | )F<br>DF | Sa<br>Sc |      | Pro     | 07   |
|----------------------|----------|------|---------|------|---------|----------|----------|------|---------|------|
|                      | Händler  | AGF  | Händler | AGF  | Händler | AGF      | Händler  | AGF  | Händler | AGF  |
| Daily                | 39.1     | 21.1 | 36.7    | 16.7 | 33.7    | 17.0     | 25.2     | 13.4 | 19.3    | 8.9  |
| Several times a week | 26.9     | 46.2 | 44.4    | 46.7 | 32.3    | 45.8     | 43.7     | 44.1 | 32.1    | 38.3 |
| Once a week          | 13.9     | 5.4  | 13.1    | 6.2  | 15.0    | 5.4      | 19.9     | 5.7  | 26.7    | 5.6  |
| Less frequently      | 10.5     |      | 2.6     |      | 9.9     |          | 7.7      |      | 13.0    |      |
| Never                | 9.1      | 0.0  | 2.6     | 0.0  | 8.6     | 0.0      | 3.0      | 0.0  | 8.4     | 0.0  |
| No reception         |          |      |         |      |         |          |          |      |         |      |



Please tell me for each of these networks how often you normally watch it in a given week from Monday through Sunday. Basis: Händler model n = 517 Replies in %



Source: IFAK

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### Händler 2.0 vs. AGF Panel: TV (2)

|                      | vox<br>♥●X |      |         |      | SUPER RTL |      | N24     |      | N-TV<br><b>n-tv</b> |      |
|----------------------|------------|------|---------|------|-----------|------|---------|------|---------------------|------|
|                      | Händler    | AGF  | Händler | AGF  | Händler   | AGF  | Händler | AGF  | Händler             | AGF  |
| Daily                | 10.5       | 8.2  | 8.4     | 6.6  | 3.6       | 3.4  | 3.5     | 2.5  | 2.4                 | 2.8  |
| Several times a week | 34.8       | 35.6 | 27.7    | 32.6 | 12.5      | 20.8 | 11.4    | 15.3 | 16.3                | 16.0 |
| Once a week          | 26.3       | 5.8  | 23.6    | 5.5  | 14.5      | 4.6  | 12.0    | 4.5  | 14.7                | 4.5  |
| Less frequently      | 17.1       |      | 21.3    |      | 23.8      |      | 22.5    |      | 17.0                |      |
| Never                | 10.3       | 0.0  | 18.2    | 0.0  | 44.5      | 0.0  | 48.6    | 0.0  | 46.9                | 0.0  |
| No reception         | 0.5        |      | 0.4     |      | 0.7       |      | 1.5     |      | 2.2                 |      |



Please tell me for each of these networks how often you normally watch it in a week from Monday through Sunday. Basis: Händler model n = 517 Replies in %





### Comparison of the results Händler vs. ma Radio:

### Radio usage





# vs. ma Radio

|   | Händler | ma Radio |
|---|---------|----------|
| Presented number of radio stations per interview (median value) | 18.5    | 25.5     |

Number of radio stations mentioned (median values)



Sources: Field test Händler model n = 517

Source: IFAK

ma 2011 Radio II (over the age of 10) ; Mo-Su, person-weighted

Replies in %



### **Comparison of the results Händler vs. ma Print Media:**

Magazine usage





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١. Händler 2.0

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### Händler 2.0 vs. ma Print Media: Magazines (1)

|  | Händler |       |       | ma Print Media |       |       |
|--|---------|-------|-------|----------------|-------|-------|
|  | Known   | BA    | AIR   | Known          | BA    | AIR   |
| Topical magazines on current events            | 85.9    | 68.2  | 33.6  | 85.6           | 70.7  | 38.7  |
| Programming guides                             | 77.0    | 68.7  | 58.8  | 77.7           | 70.8  | 61.5  |
| Weekly women's magazines                       | 53.1    | 45.8  | 24.6* | 55.4           | 46.8  | 32.9* |
| Monthly women's magazines                      | 36.6    | 30.4  | 12.6  | 35.6           | 27.3  | 15.6  |
| Science / Technology / Culture                 | 32.2    | 19.2  | 7.5   | 29.4           | 23.5  | 10.7  |
| Automotive magazines                           | 32.0    | 26.3  | 18.0  | 33.0           | 27.4  | 21.5  |
| Living / Gardening magazines                   | 29.4    | 22.0  | 9.7   | 31.8           | 25.2  | 10.8  |
| Bi-weekly women's magazines                    | 24.0    | 17.3  | 6.7   | 23.4           | 18.3  | 7.3   |
| Entertainment electronics / Computer magazines | 22.7    | 17.2  | 6.4   | 18.0           | 15.1  | 7.5   |
| Lifestyle / City magazines / Adult magazines   | 20.4    | 13.3  | 2.9*  | 22.7           | 15.6  | 7.4*  |
| Culinary magazines                             | 19.8    | 14.6  | 5.6   | 15.6           | 13.3  | 6.1   |
| Sports magazines                               | 17.3    | 13.7  | 8.1   | 20.4           | 14.5  | 8.7   |
| Business magazines                             | 12.0    | 5.4   | 2.8*  | 12.3           | 9.5   | 5.4*  |
| Music and youth magazines                      | 9.1     | 5.2   | 3.3   | 6.9            | 3.8   | 2.0   |
| Do it yourself                                 | 6.2     | (1.9) | 0.4   | 7.8            | 5.1   | 0.7   |
| Parenting magazines                            | 4.3     | 2.4   | 1.6   | 4.4            | 2.2   | 0.9   |
| New every month                                | 380.0   | 235.4 | 85.3  | 364.6          | 247.9 | 110.0 |
| New every 14 days                              | 134.7   | 87.9  | 44.9  | 131.0          | 84.0  | 48.1  |
| New every week                                 | 528.2   | 307.5 | 120.1 | 534.6          | 306.0 | 141.4 |
| Supplements                                    | 54.4    | 34.6  | 22.8  | 62.8           | 39.0  | 24.3  |

\* Significant differences at significance level 5%

Basis: Händler model n = 517, ma Print Media n = 500

Replies in %



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# Händler 2.0 Händler 2.0 Client Recr. vs. ma Print Media: Magazines (2)

|                            |      | dler | ma Print Media |      |
|----------------------------|------|------|----------------|------|
| - and a start              | BA   | AIR  | BA             | AIR  |
| 1 title                    | 3.3  | 24.6 | 3.1            | 16.3 |
| 2 titles                   | 9.2  | 22.2 | 5.8            | 22.8 |
| 3 titles                   | 10.1 | 15.1 | 14.6           | 14.7 |
| 4 titles                   | 12.1 | 13.1 | 9.3            | 13.7 |
| 5 titles                   | 8.1  | 5.6  | 13.5           | 10.1 |
| 6 titles                   | 11.4 | 4.7  | 9.5            | 5.8  |
| 7 titles                   | 7.4  | 4.1  | 9.0            | 3.2  |
| 8 titles                   | 9.2  | 0.4  | 6.0            | 0.9  |
| 9 titles                   | 5.8  | 0.9  | 6.7            | 0.7  |
| 10 titles                  | 7.3  | 0.5  | 5.7            | 0.5  |
| 11 titles                  | 2.9  | 0.3  | 4.1            | 0.2  |
| 12 titles+                 | 11.2 | 0.1  | 11.2           | 1.7  |
|                            |      |      |                |      |
| Average of the read titles | 6.7  | 2.7  | 6.8            | 3.2  |
|                            |      |      |                |      |





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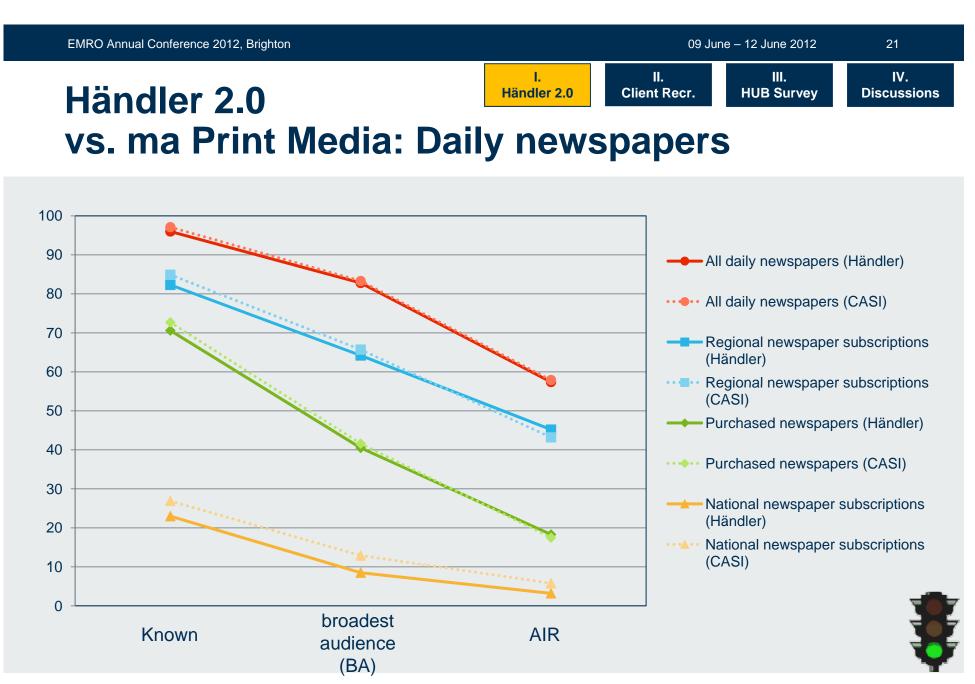


### **Comparison of the results Händler vs. ma Print Media:**

Daily newspaper usage









Source: IFAK

Replies in %

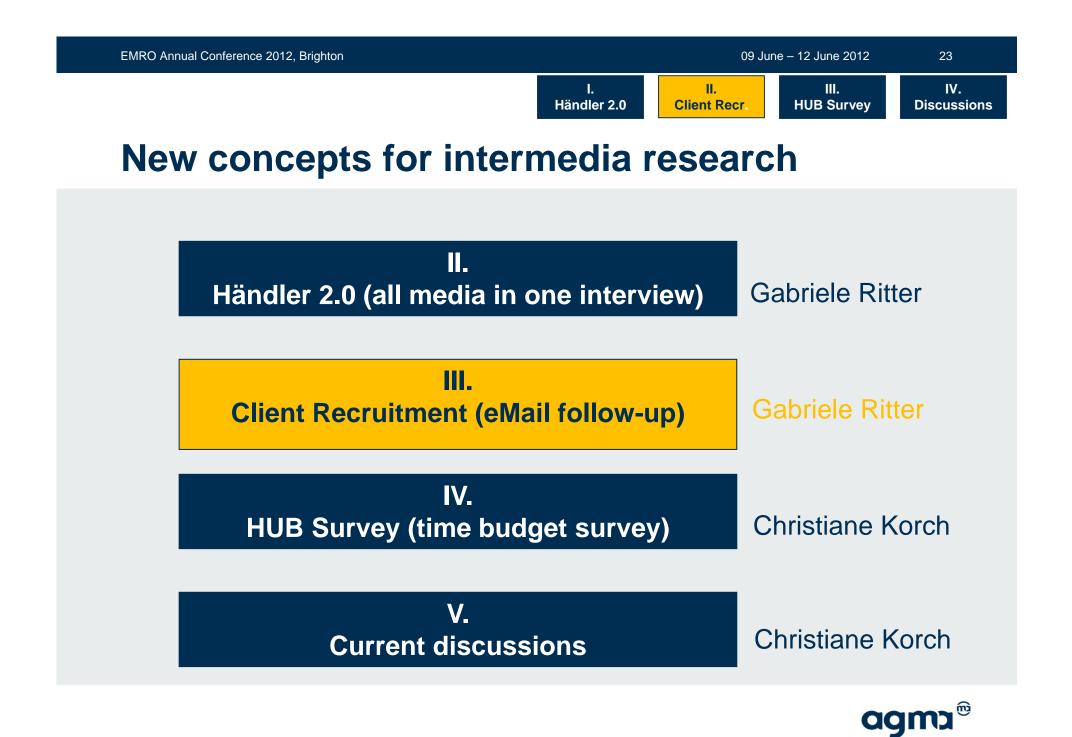


### **Pre-test: Results + consequences**

- Despite the expanded query program, there was only a slight increase in the interview duration.
- For radio and TV, there were in part significant deviations in potential and structures compared to reference surveys.
- Generally lower coverage levels for print media in the unweighted data inventory
- After weighting, the differences "disappear" for daily newspapers but remain for magazines.
- Revision of the additional questions for TV and radio
- Distribution of the additional questions to partial samples for print media
- New test (n = 1,000) as a sub-sample integrated into the ma Print Media







**Client Recruitment** 

I. Händler 2.0 III. HUB Survey

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#### **Pre-test: Procedure** ma Poster CATI 2012 ma Print Media CASI 2012 I. Recruitment question to be filled out by Recruitment question by interviewer at the end of the interview. interviewee him-/herself at the end of the interview. Institute: Enigma GfK, Ifak Institute: Enigma GfK Mailing of invitation emails on Mondays. Two Landing page with information on the reminders each at weekly intervals. "link to measured data of the AGOF." Implemented by: Enigma GfK, Ifak Institute: Interrogare **Online survey** Start page of the survey. Entry into the IVW cookie or setting of the Implemented by: Interrogare cookie only at this point. Institute: Interrogare **Research** in the UCDW. As of: September 19, 2011 Implemented by: Infonline







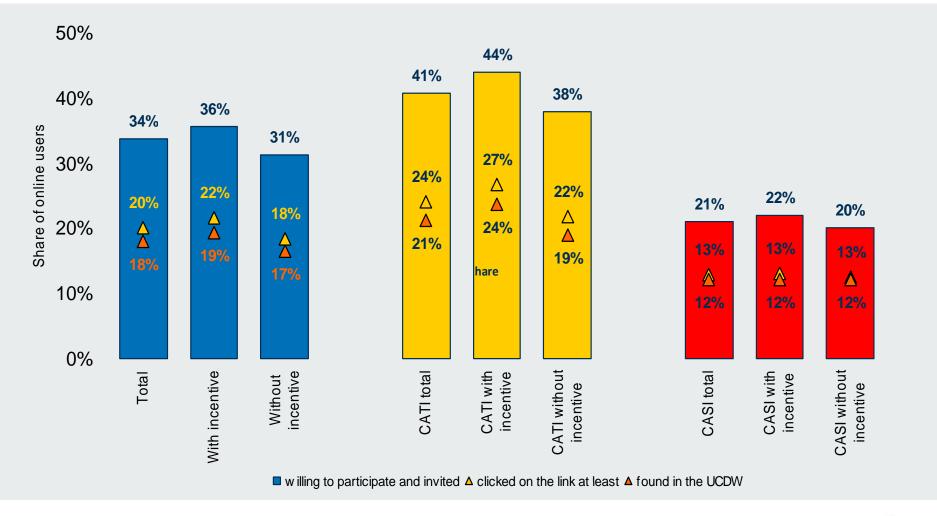
|  | Number of cases |  |
|--|-----------------|--|
| Field of the starting survey<br>conducted interviews<br>of these: online users | 6,128<br>4,286  |  |
| eMail dispatch<br>willing to participate and invited via eMail                 | 1,450           |  |
| Response<br>at least click on link   | 858             |  |
| of these: found in the UCDW  | 770             |  |



Number of ease



### Pre-test: Response rates based on survey method

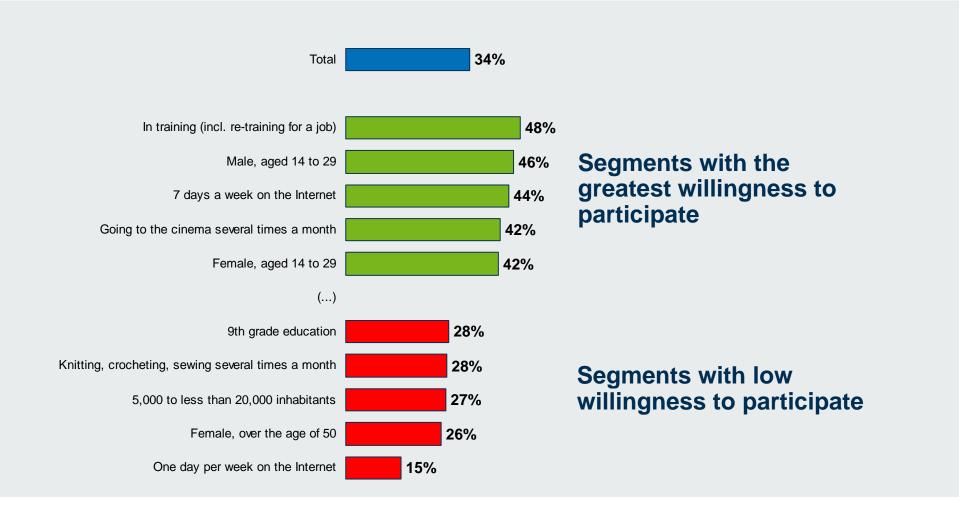


Basis: n=4,286 online users from the MA Poster CATI and the MA Print Media CASI (from the regular process)





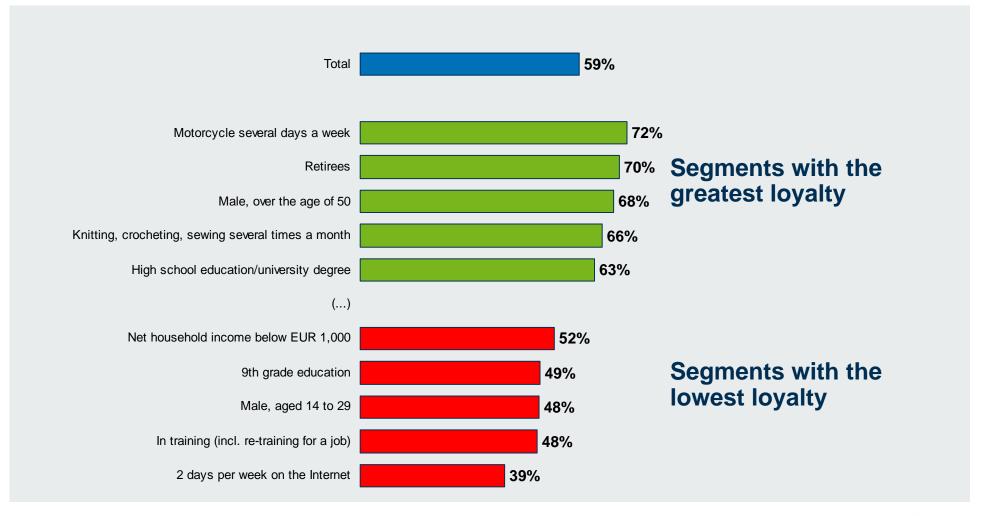
Pre-test: Response rates based on demographics







### Pre-test: "Loyalty"\* based on demographics



\* Share of those who "at least clicked on the invitational link" in the online users willing to participate

Basis: n=1,450 online users willing to participate from the MA Poster CATI and the MA Print Media CASI





- During the measuring period from January 1 to September 13, 2011, 652 AGOF-qualified clients were found in the UCDW (Unique Client Data Warehouse) who at least started the online questionnaire at a computer.
- Ø Client lifespan: 166 days
- These data are currently being checked for their principle suitability for linking the ma Online with the ma Intermedia (ISBA).



### Client Recruitment Pre-test: Summary

- The willingness to participate among online users is twice as high for the CATI survey (41%) as for CASI (21%).
- In addition, the incentive for the sequence selected for the test only had a noticeable effect for CATI.
- Internet usage, age, gender, education and highly correlated variables had the greatest influence on the willingness to participate.
- Segments with a low willingness to participate including older interviewees in particular – compensate this fact with greater loyalty.
- The differences between the participants with and without incentive are relatively low.



I. Händler 2.0 \_\_ III. HUB Survey

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### Client Recruitment ...in regular operations!

Pre-test:

### **Currently used in:**

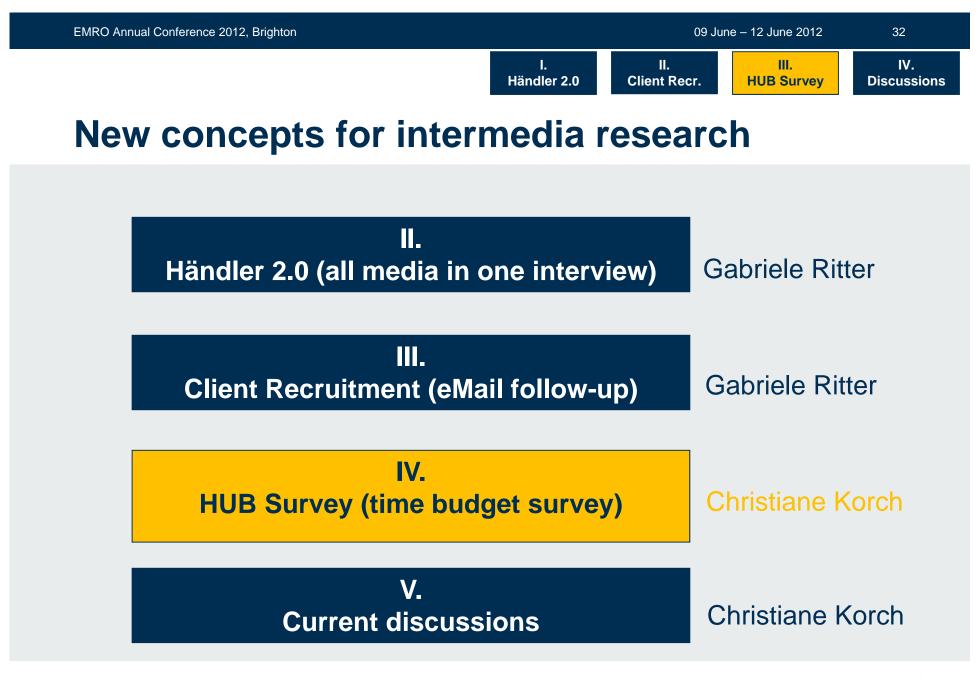
 $\checkmark$ 

- ma Print (CASI)
- ma Poster (CATI)
- ma Online (CATI)

#### Subsequent use in:

ma Radio







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09 June – 12 June 2012

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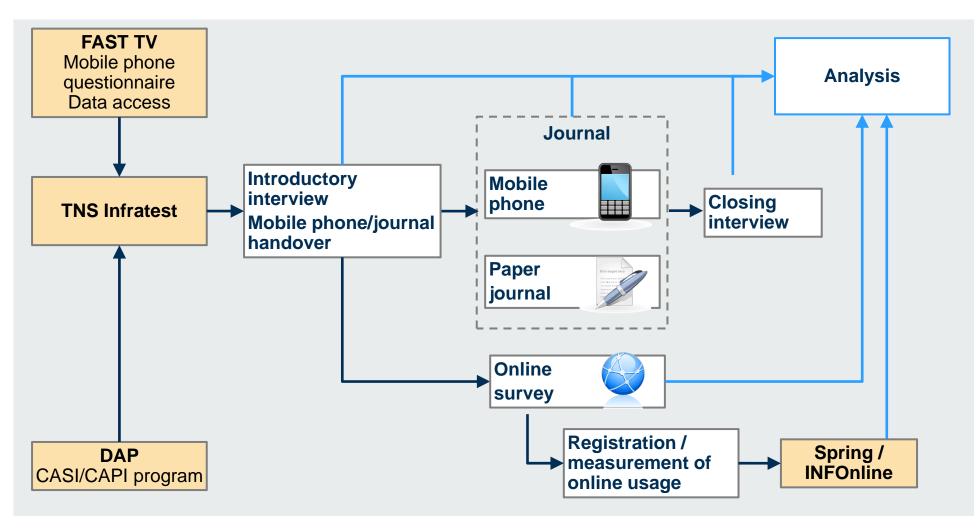
**Client Recr.** 

### HUB Survey Qualitative pre-test: Profile

Data survey with real instruments (feasibility check, **Objective:** handling test), identification of need for optimization Survey: Introductory interview CASI / CAPI + Two-week "journal" phase via mobile phone or paper journal + Closing interview + Online survey / cookie measurement Sample: Quota sampling according to gender, age, profession, adequate regional distribution Number of cases: 219 evaluated interviews April 30 to July 3, 2011 Field time:

34

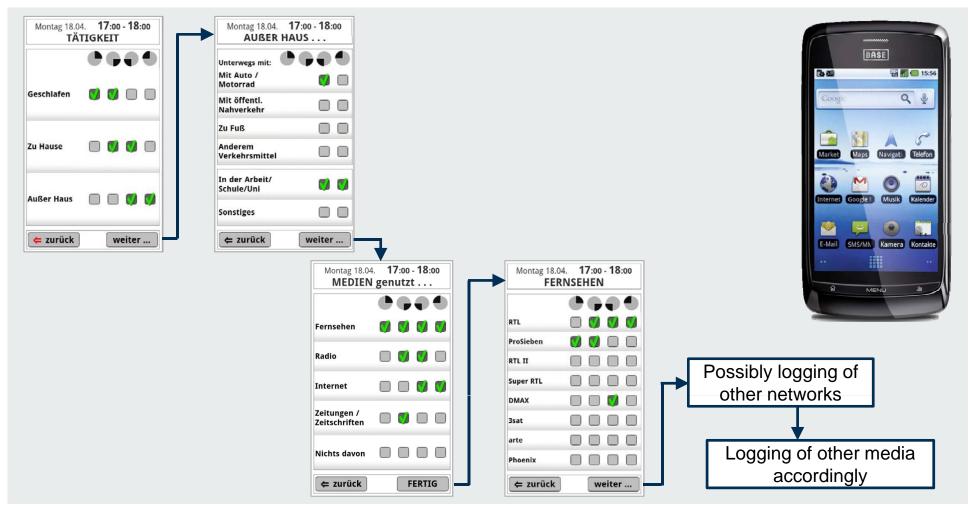
### **Process overview for the pre-test**



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### **Pre-test: Mobile phone application**





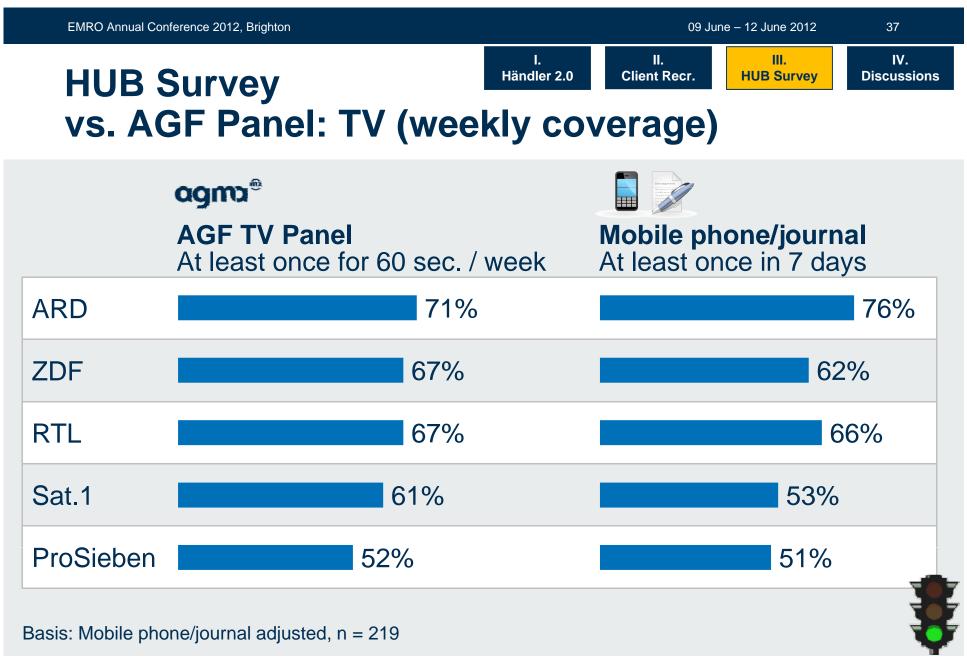


### Comparison of the results HUB Survey vs. AGF Panel / ma Radio:

TV usage



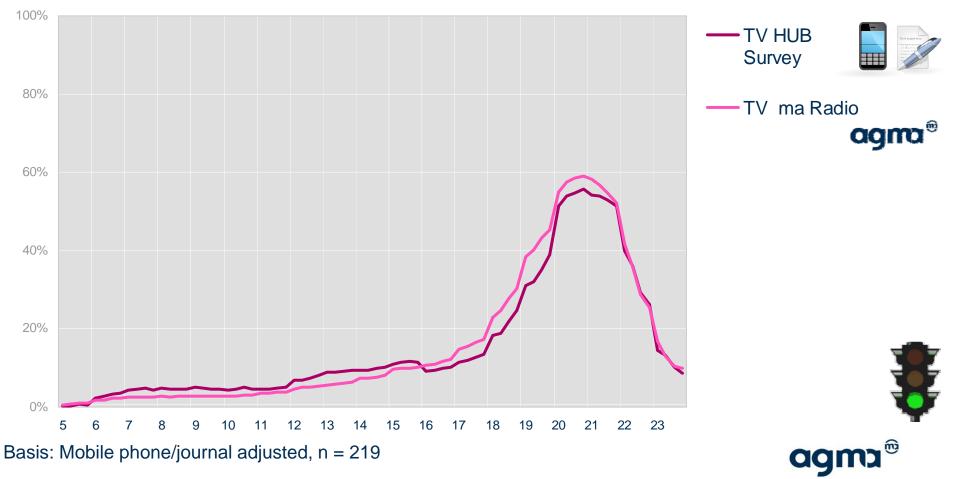








#### vs. ma Radio: TV (daily progression in 15-minute periods)



Source: TNS Infratest



# Comparison of the results HUB Survey vs. ma Radio:

Radio usage

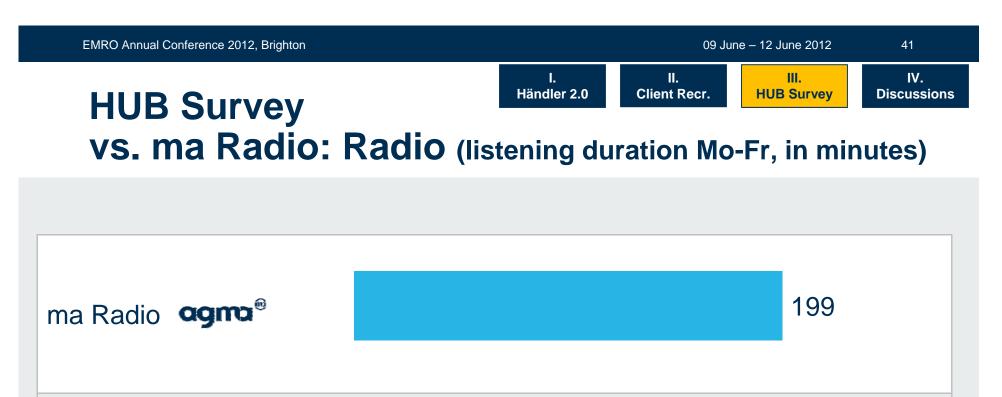






Basis: Mobile phone/journal adjusted, n = 219





Mobile phone/ journal survey 110

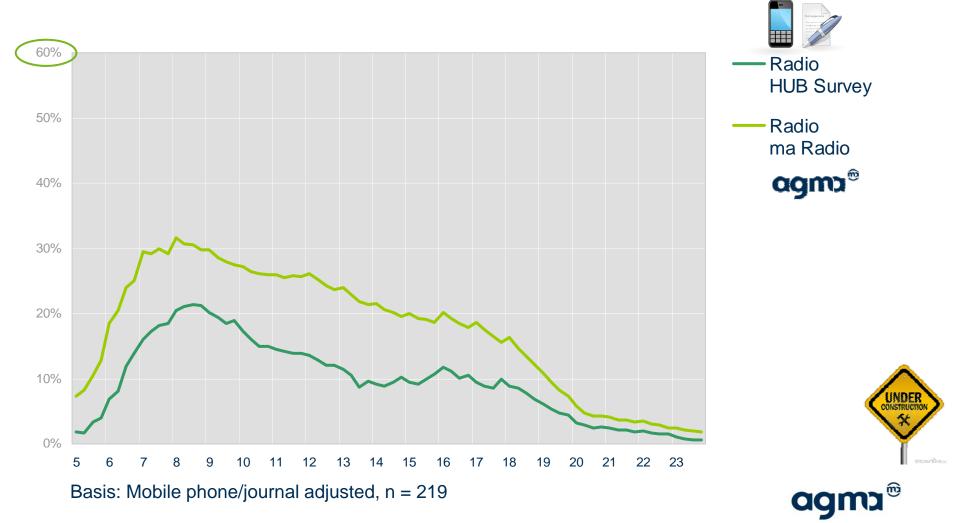
Basis: Mobile phone/journal adjusted, n = 219







### vs. ma Radio: Radio (daily progression in 15-minute periods)



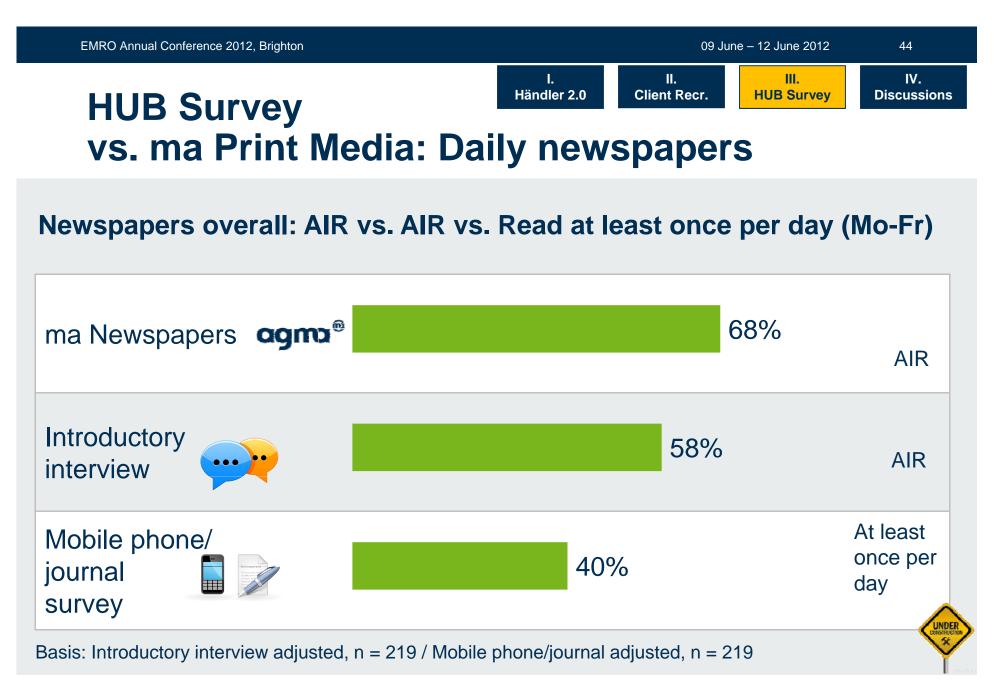


# Comparison of the results HUB Survey vs. ma Print Media:

# Daily newspaper/magazine usage









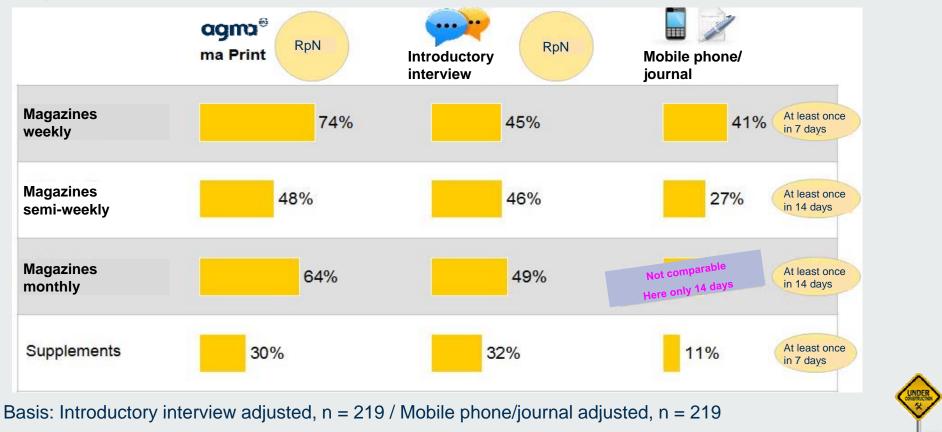






### vs. ma Print Media: Magazines

Magazines: AIR vs. Read at least once in 7 days vs. Read once in 14 days





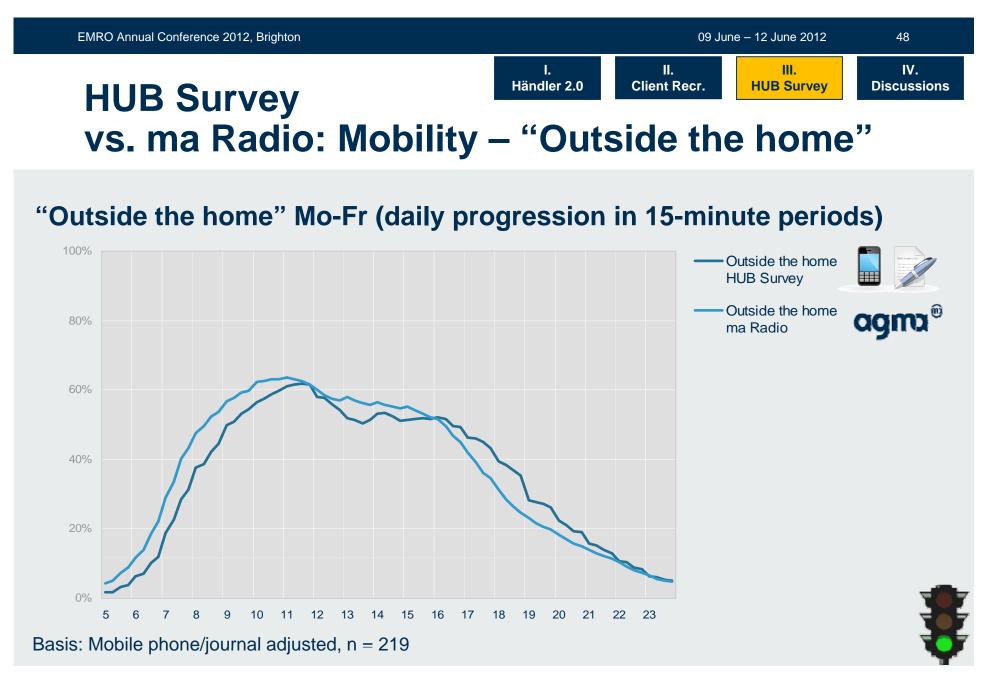


# Comparison of the results HUB Survey vs. ma Poster / ma Radio:

# **Mobility (Poster)**











#### Public transportation used: (almost) daily / at least once a week

| ma Poster agmo                    |                           | Introductory intervie          | ew 💬 🧡                   |
|-----------------------------------|---------------------------|--------------------------------|--------------------------|
| Car                               | 47% 36% 83%               | Car                            | <b>52% 34%</b> 85%       |
| Motorcycle                        | 3%                        | Motorcycle                     | 3%                       |
| Scooter                           | 3%                        | Scooter                        | 3%                       |
| Bicycle                           | <mark>16%</mark> 33% 49%  | Bicycle                        | <mark>18%</mark> 20% 38% |
| Bus / train on<br>regional routes | 1 <mark>1%15</mark> % 26% | Bus / train on regional routes | 1 <mark>0%13</mark> %23% |
| Train on longer<br>routes         | 4%                        | Train on longer routes         | 2%                       |
| Daily Weekly                      |                           |                                | Daily Weekly             |





# Comparison of the results HUB Survey vs. ma Online:

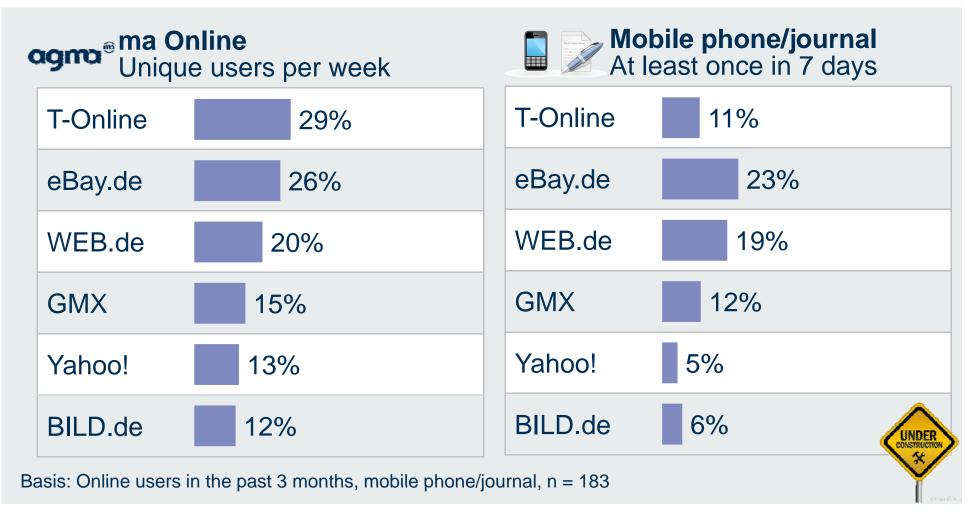
Internet usage



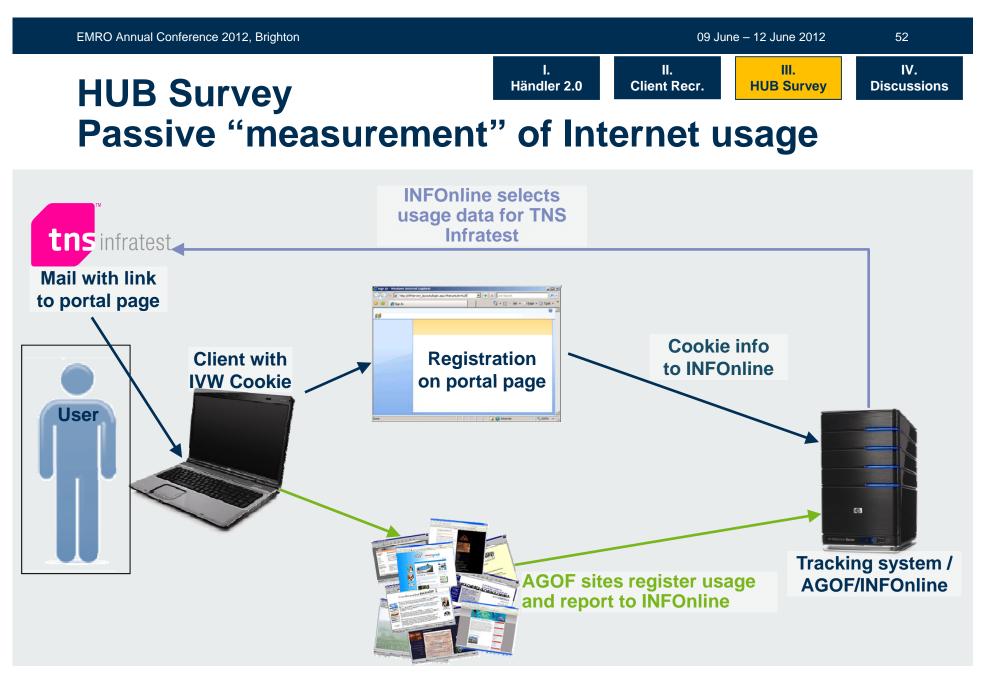




### vs. ma Online: Internet (unique users)



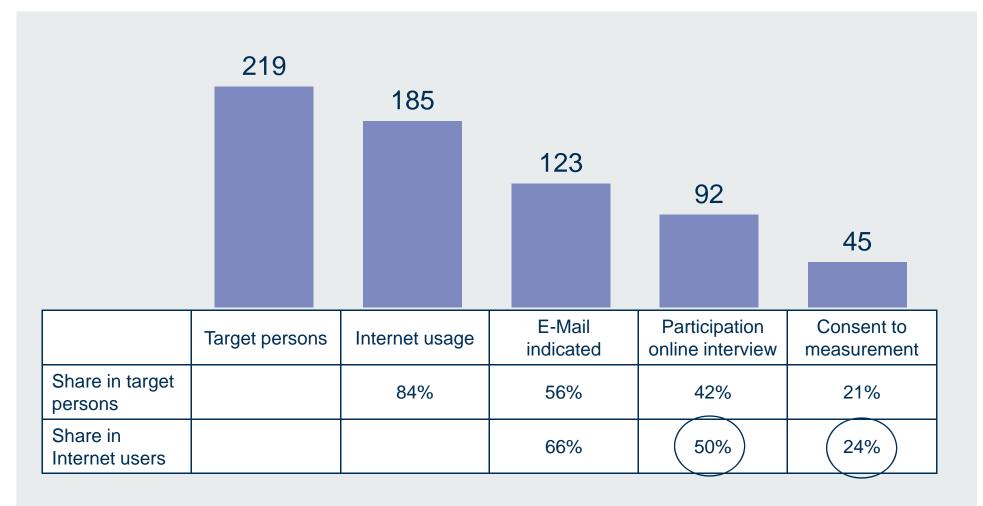








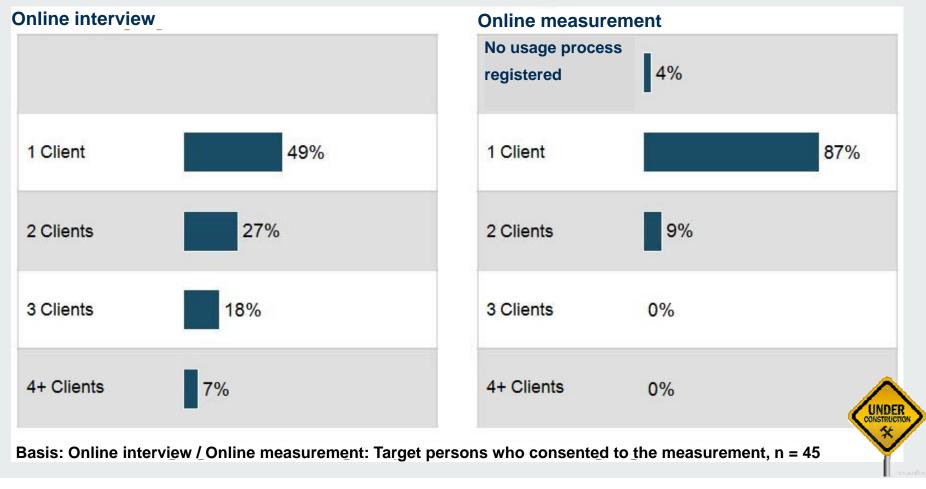
### Passive Internet measurement: Willingness to participate







### **Passive Internet measurement: Clients**





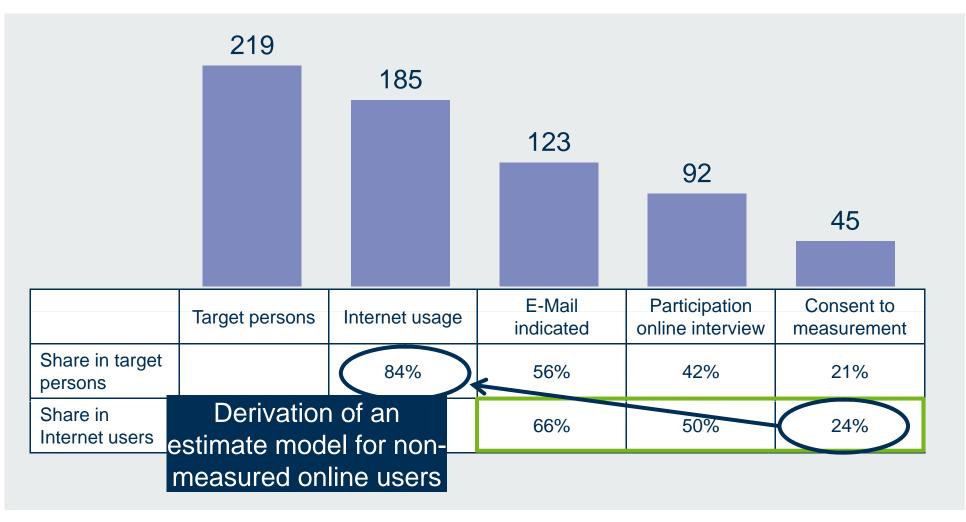
#### HUB Survey Passive Internet measurement vs. mobile phone phase

- Only restricted possibility for validating entries in the mobile phone due to passive measurement:
- Limitations of the passive measurement:
- Only part (25%) of the target persons consented to the measurement.
- Target persons do no register all clients (multi-client problem).
- Registered clients are also used by others (multi-user problem).
- Limitations for entered data:
- Recall ability of the interviewees
- Lack of awareness at times of the diversity of the used websites (e.g. Google)





### Passive Internet measurement vs. mobile phone phase



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# Next Steps







#### HUB Survey Next Steps

Additional, <u>quantitative</u> pre-test in 2012:

• 500 cases



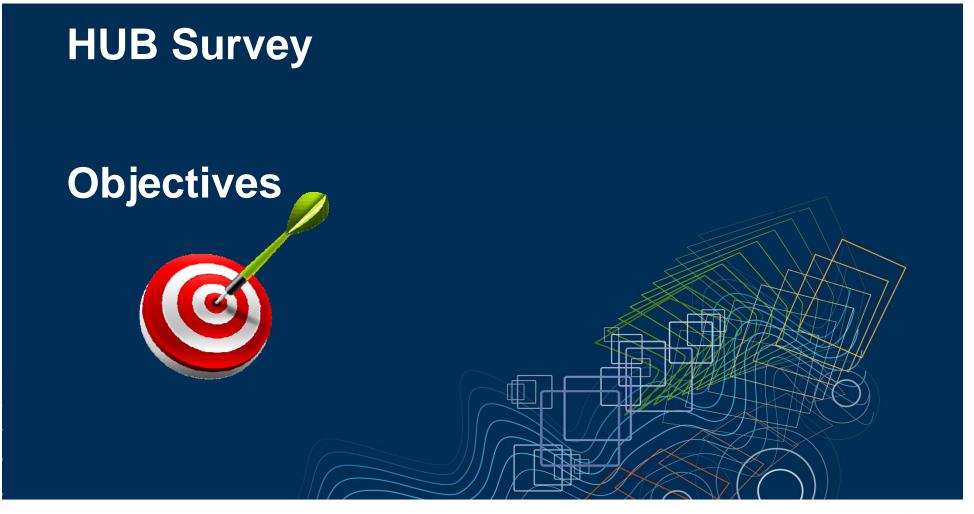
Implementation of lessons learned from the first pre-test:

- Adjust questions / layout of the introductory interview even more strongly to the surveys of the individual media types.
- Possibly aid media usage query on mobile phones with activities.
- Improve capture of media usage on the side and less frequent media usage.
- Better mobile phones with faster response times

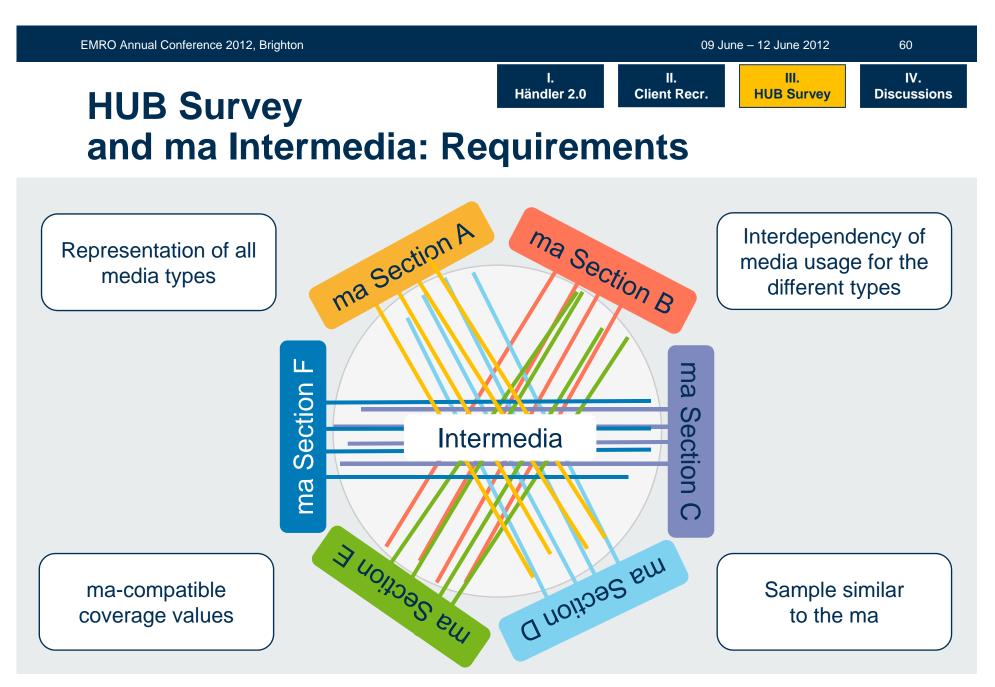
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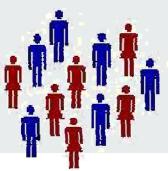
- The number of interviews greatly impacts the analytical possibilities but also the costs.
- Thorough analysis on the number of required cases:
  - Planning options for groups/combinations of advertising media

⇒ Small number of cases!



 Planning options for each individual advertising medium shown in the ma sections

 $\Rightarrow$  High number of cases!







and ma Intermedia: Brainstorming...

ma Intermedia with HUB Survey – Idea:

- Creation of a large basic dataset by merging HUB into ma
  - > Large, representative sample
- Adjustment of coverage values to the individual ma sections
  - Media usage over time and overlaps of the media types from the HUB Survey
  - > Original coverage values from ma sections
- Integration into an intermedia planning tool



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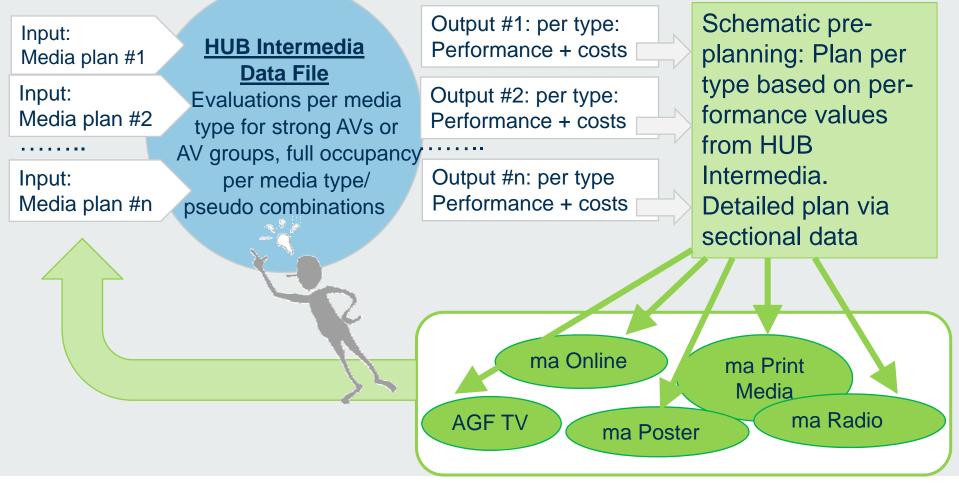
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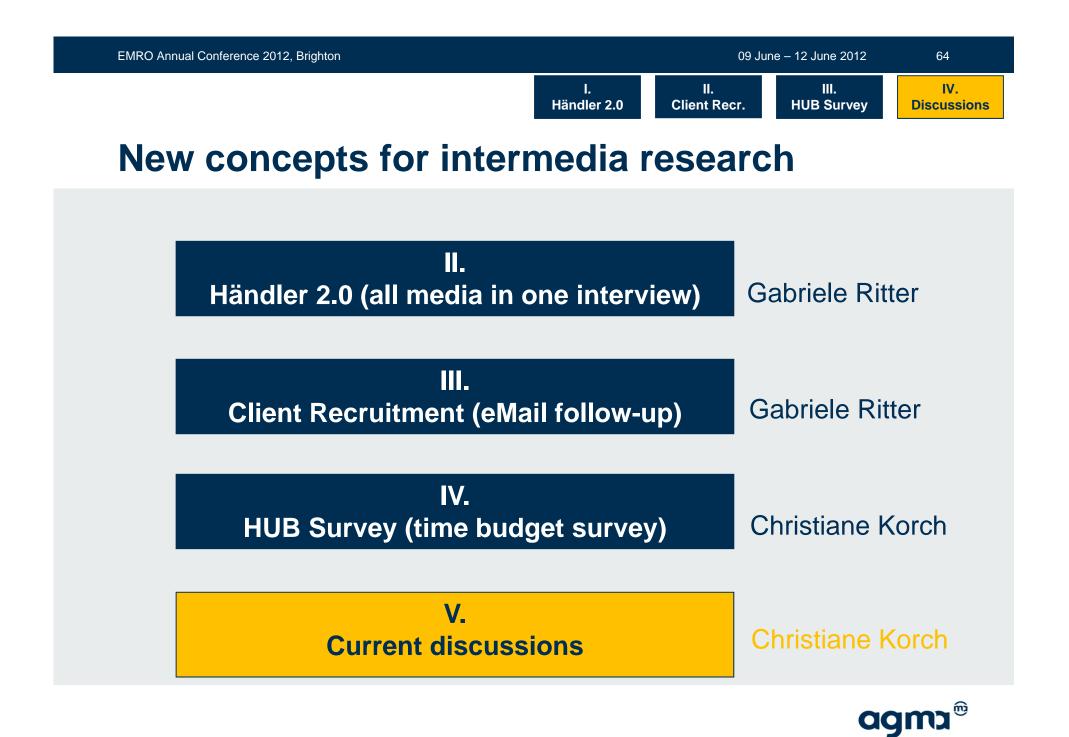
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### HUB Survey and ma Intermedia: Brainstorming...









### **Current discussions**

- The Händler 2.0 model is currently pursued further in an additional testing phase: <u>Within</u> the ma Print Media, additional questions from other media types are asked.
- Client recruitment is to be implemented in all ma surveys.Already started:ma Online, ma Poster, ma Print MediaTo follow:ma Radio
- HUB Survey:

Another testing phase with 500 cases is currently in preparation.



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### ...to be continued...

# **EMRO Annual Conference 2013**

## **Part IV**

