

NEW APPROACHES of RIVER RESTORATION

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Chairman

European Centre for River Restoration

EU WFD RBM PLANS

- *Blueprint to Safeguard Europe's Water Resources*
 - *Improving land use*
 - *Addressing water pollution*
 - *Increasing water efficiency and resilience*
 - *Improving governance*
 - *Integrated approaches*

BLUE PRINT CROSS CUTTING SOLUTIONS

- *Climate change adaptation in all policies*
- *Reduce hydro-morphological pressures*
- *Buffer strips against (agricultural) pollution*
- *Green infrastructure*
- *Natural water retention (wetlands)*
- *Restoring river continuity; fish passes*
- *Restoration riparian areas and floodplains*
- *Policies mainstream river restoration*

MAINSTREAMING RIVER RESTORATION

1. Green Infrastructure

- *Land and land & water use planning*

2. Integrated approach

- *Multi-sectoral planning and implementation*
- *Integrated River Basin Management*

3. Knowledge sharing

- *Networks brokering knowledge*
- *Web based knowledge base and wiki tools*
- *Science – policy - practice interfaces*

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Celebrating Successes and Addressing Challenges

5th edition | 11-13 September 2013 | Vienna





Restoring Europe's Rivers



The RESTORE partnership is made possible with the contribution of the LIFE+ financial instrument of the European Community www.restorerivers.eu



The network for best practices for river restoration in Greater Europe
www.ecrr.org



The ECRR was initiated by a LIFE+ co-financed project in 1999



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EUROPEAN CENTRE for RIVER RESTORATION

- ECRR is **connecting people and organizations** working on river restoration (network / platform)
- ECRR supports development of **good/best practices** strategy
- Dissemination of river restoration **information/knowledge**
- Initiates and works in **partnerships**

CONFERENCE / PRIZE PARTNERS



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CONFERENCE OBJECTIVES

- ***Address policy implementation challenges to mainstreaming river restoration***
- ***Create a higher profile for river restoration in policy leading to better outcomes.***
- ***Attract a broad audience and bring policy and decision makers together with scientists and practitioners.***
- ***Improve the visibility of river restoration and the work of ECRR and RESTORE***





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SUCCESSSES

IRF
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Riverprize

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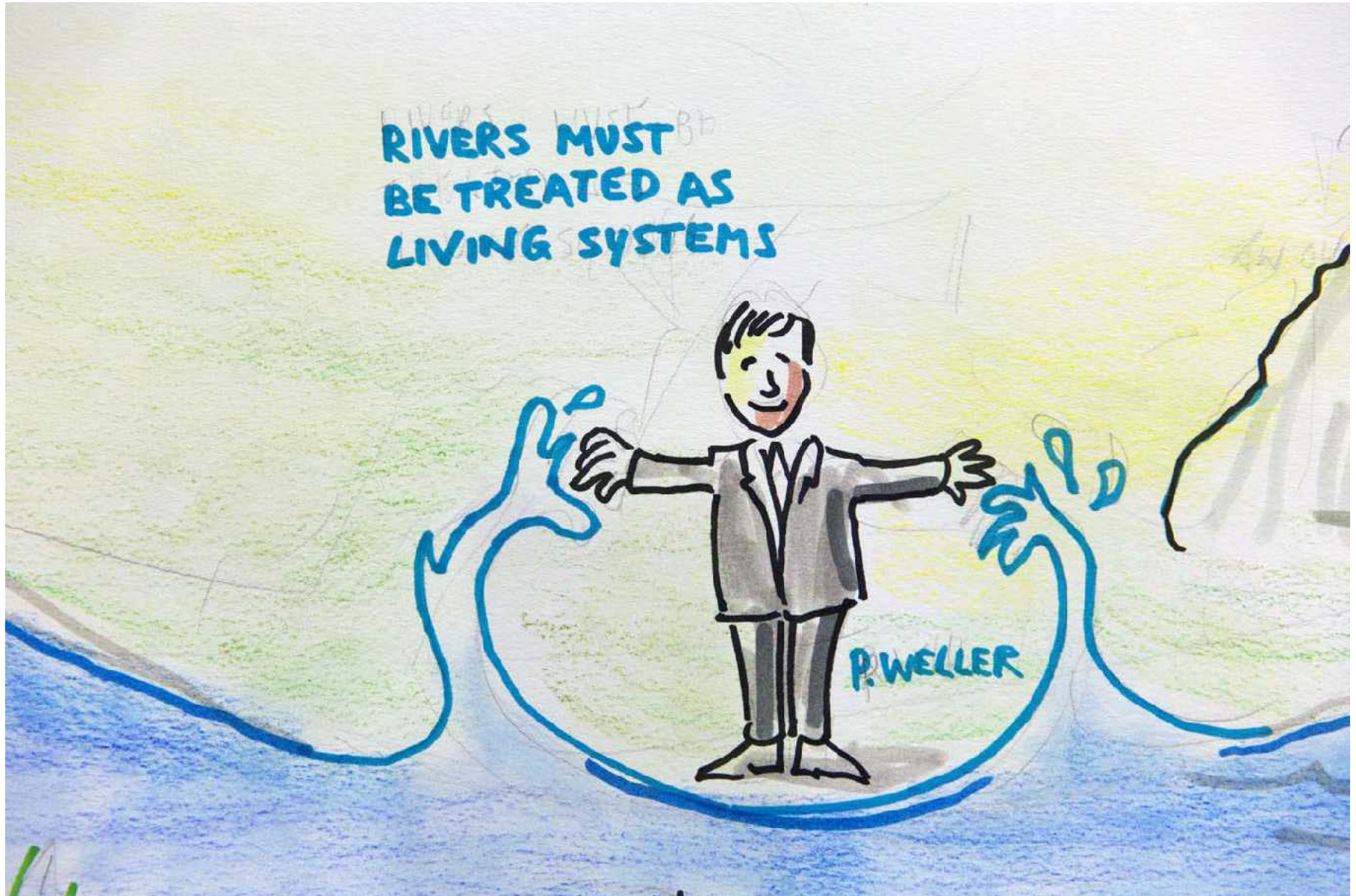
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VISION

RIVERS MUST
BE TREATED AS
LIVING SYSTEMS



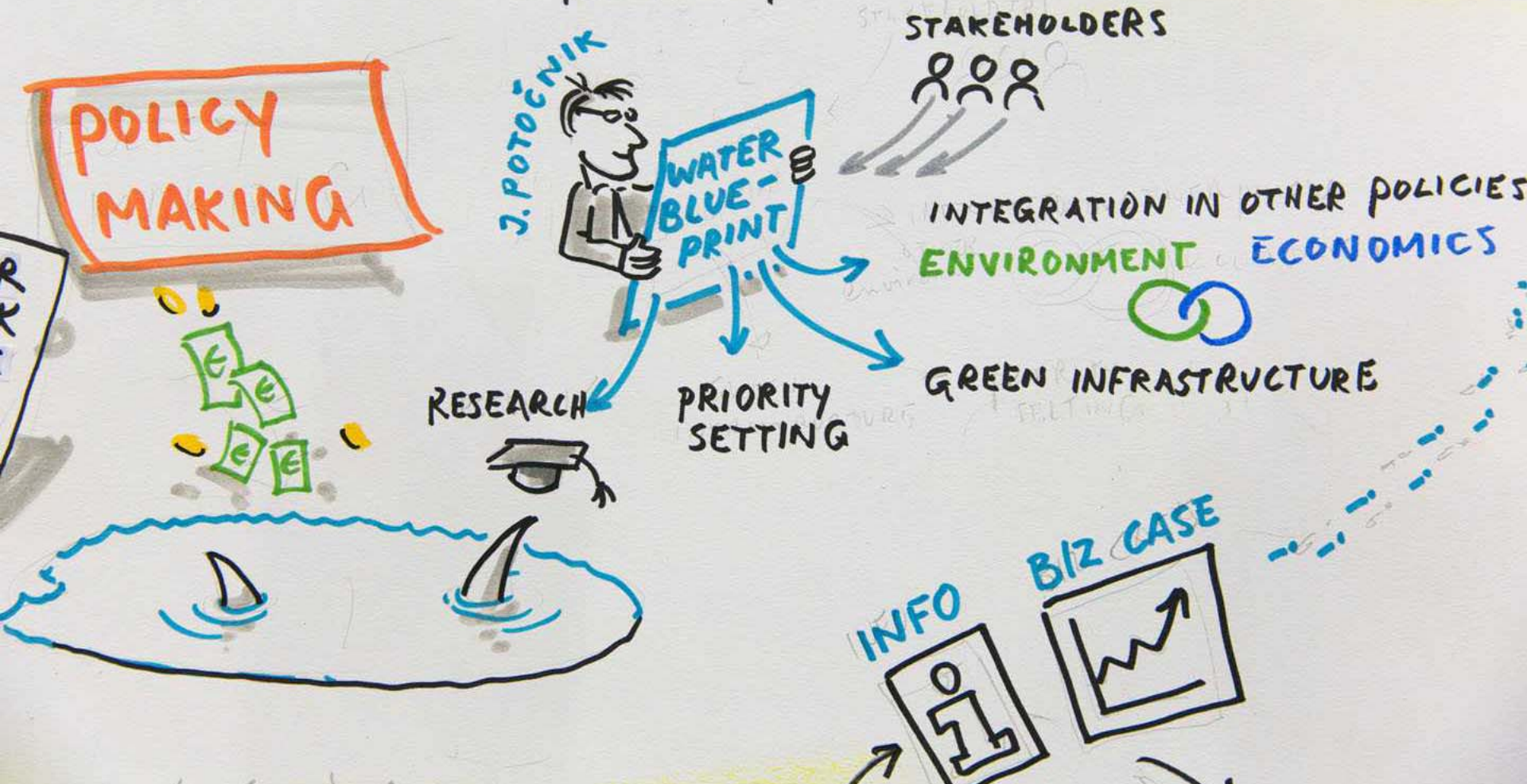
VISION

- Technocratic restoration must give way to **democratic solutions**;
- Open up rivers to the **needs of communities**
- River restoration at a catchment to basin landscape scale, **to integrate and tackle multiple drivers**
- **Communities as the prime drivers** and benefactors of river restoration
- Implement with **stakeholder interests and capacities** to yield sustainable results



POLICY

RIVERS = WATER = LIFE
= PRIORITY



POLICY

- River restoration is **an integrative solution** to river problems
- Improve the coincidence of **key biodiversity areas and Natura 2000 sites**
- Develop a pan-European river **restoration database**
- Governance models and tools that facilitate **integration of government, business and civil society interests** and action.
 - Develop platforms, forums which enable **inter-sectoral dialogue** at catchment to watershed scale to take place
 - Develop and disseminate best practice and experience in the use of tools such as **river contracts and water stewardship**

PRACTICES



RIVER RESTORATION PRACTICES

The core business of the conference!

Presentation in this Round Table

by

Toni Scarr

Project Manager of the RESTORE Project

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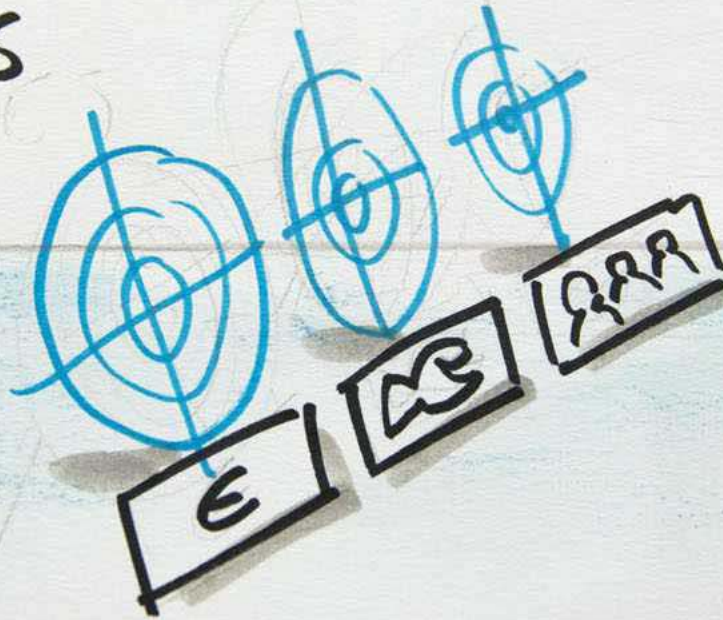
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Meeting 19 European Riverprize
22.02.2013 Vienna / Austria

FINANCING

ADDRESSING
CHALLENGES

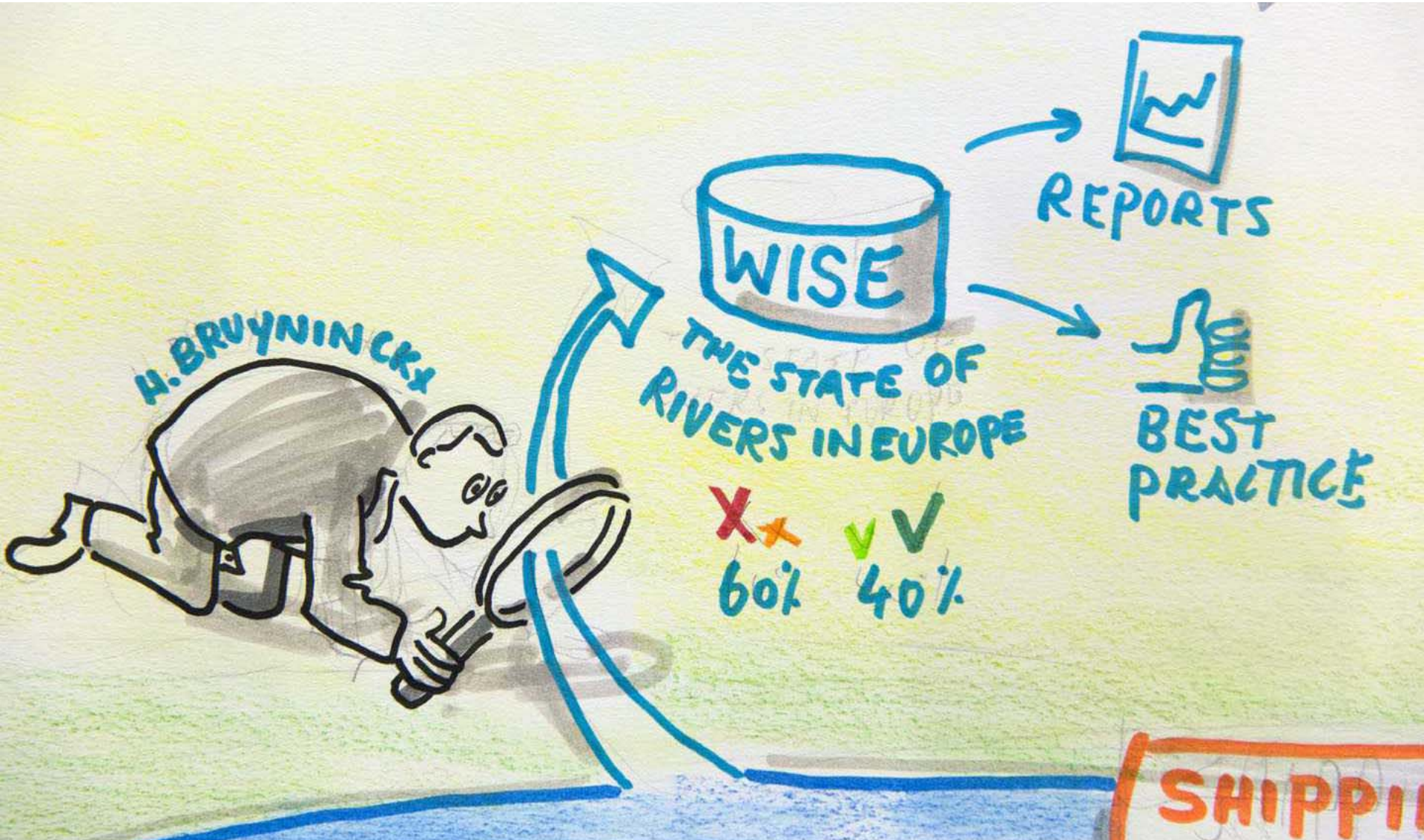


FINANCING

- Stimulate the development of PPP initiatives that **bring business, government and other societal funding sources together**
- Integrate European policy to **support combined funding streams** and underpin integrated solutions
- Raise awareness of **funding opportunities at local scale** and improve their accessibility
- **Cost effective river restoration**
- Increase focus on river restoration areas that need less maintenance by human intervention; **regulation by natural processes**



RESEARCH



RESEARCH

- Improved information on **progress and success of river restoration**
- Develop **standardised monitoring and evaluation approaches** to river restoration projects
- Improved attainment of ecological goals
 - Improved understanding of the **relationships between terrestrial and aquatic components** of rivers
 - Move from a two-dimensional to a **four dimensional model of aquatic species habitat requirements**
 - Improved understanding of ‘zero’ or ‘**pristine**’ situations



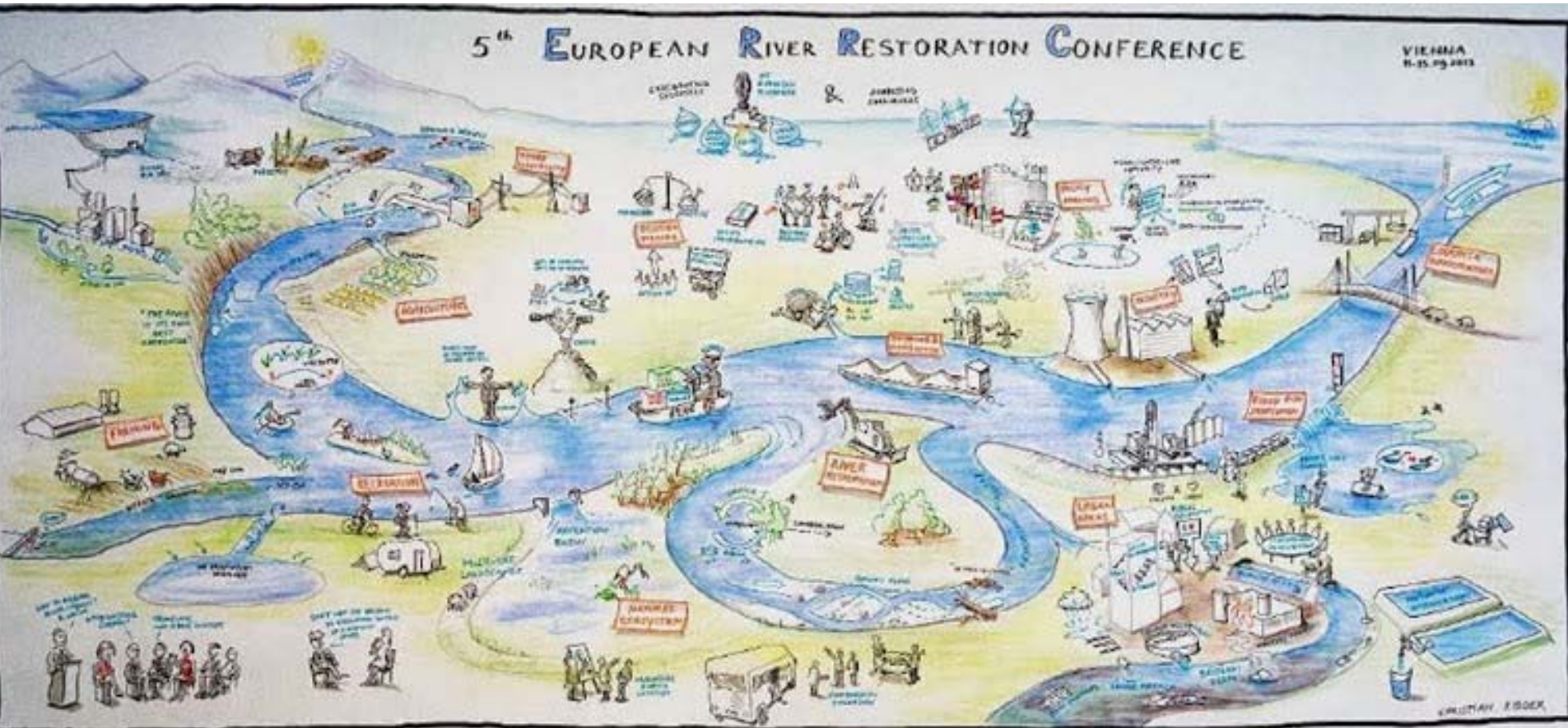
CAPACITY



CAPACITY

- **Guidance, based on practical experience**, on different issues including cost-benefit evaluation, participatory approaches, green infrastructure and development of innovative partnerships
- Stronger role of **practitioner and grass roots organisations** involved in river restoration in the implementation of European environmental policy
- Policy to **support networks and platforms** that can synthesise and share knowledge and best practices
- Supporting the synthesis and sharing of best practices to understanding the **key actors such as river basin planners and landscape architects.**

INTEGRATED RIVER BASIN MANAGEMENT



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THANK YOU !

