



SHale gas Exploration and Exploitation induced Risks



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WP2 SHEER Database

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First Annual Meeting

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Hotel Palazzo Esedra, Piazzale Tecchio, 50 – 80125



WP2 SHEER Database

Report on data and metadata
Data Management Plan

D1
D2

SHEER Database designed M1
Database linked with project website M2
Data providers logged into database M3

M4 Data inventory completed
M5 Datasets completed
M6 Data formats defined
M7 Metadata completed
M8 Multidisciplinary data in database

Designing

Preparing

Implementing

Technical Environment

Data Handling

Data Management

2015

2016

2017

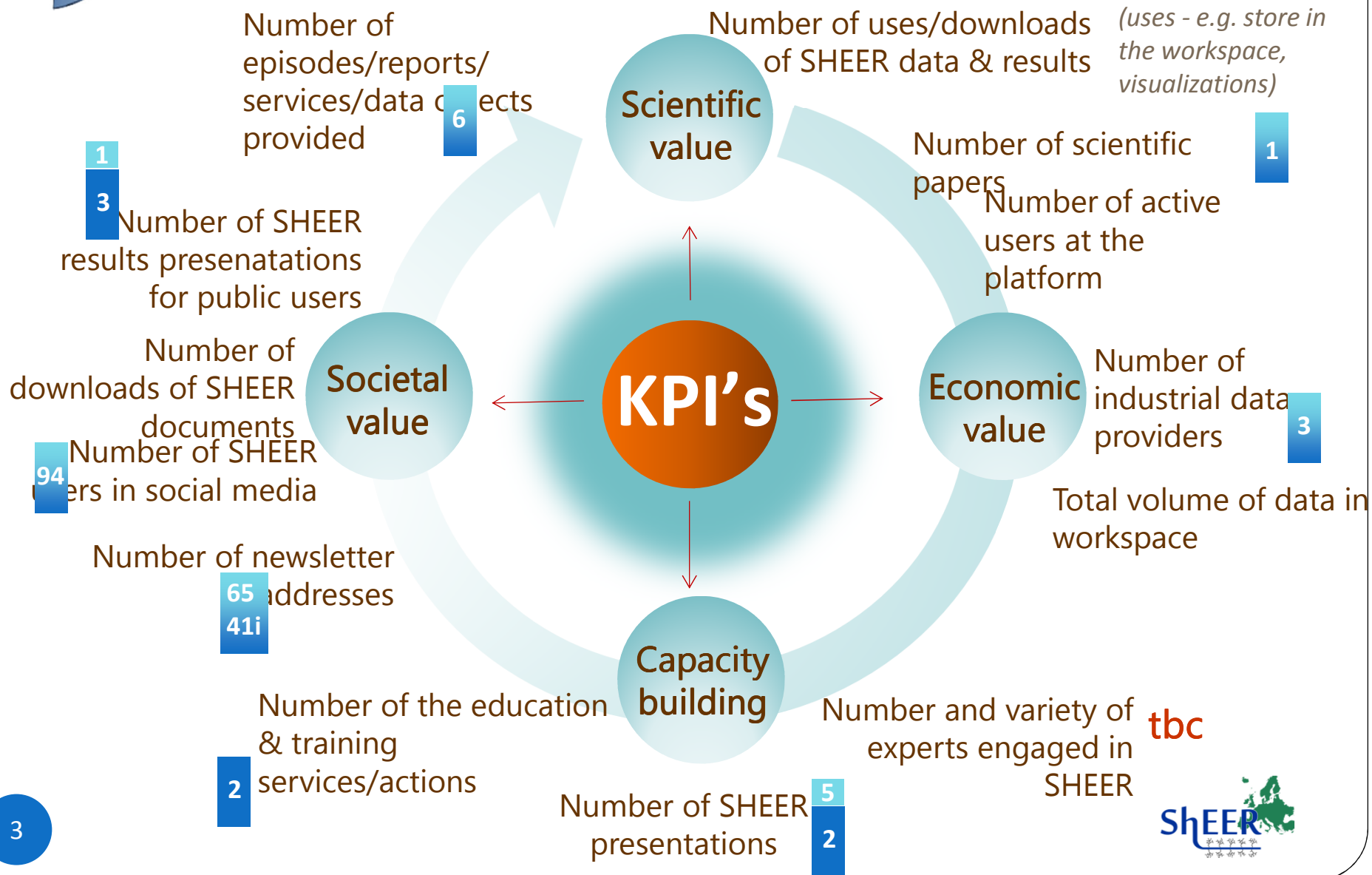
Field tests for data transmission done M9
Field data visualizing service ready M10
Field data in database M11

M12 Data Management Plan ready
M13 Data Access Policy ready
M14 At least 3 KPI defined





Parameterization of SHEER impact factor





Summary of SHEER database potential to achieve the SHEER objectives

From the perspective of compliance with WP2 plan



Current stage of data integration

Episode	Seismic	Water quality	Air quality	Satellite	Industrial	Geodata
LUBOCINO		X		X	X	
PREESE HALL	X				X	X
BECKINGHAM						
GRONINGEN	X			X	X	X
GROSS SCHOENEBECK	X				X	X
THE GEYSERS	X				X	X
WYSIN	X	X	X	X	X	X
WYOMING						
COOPER BASIN	X				X	

X – data integrated, X – data uploaded but reformatting needed,
 X – data not complete, X – data planned to be integrated



Summary of SHEER database potential to achieve the SHEER objectives

Compliance with WP2 plan



low: 0% – 44%



medium: 45% – 75%



high: 76% – 100%

Number of episodes: 6/8



Number of completed episodes:

2/8



Number of episodes in the advanced implementation stage: 5/8



Number of episodes with specific data type: seismic: 5/7



water: 2/2



air: 1/1



satellite: 2/3



industrial: 5/7



geo-data: 3/5





Summary of SHEER database potential to achieve the SHEER objectives

WP4 & WP7 plan

Number of seismic events:

GROSS SCHONENBECK: 29 events, M_L : -1.8; -1.0

PREESE HALL: 50 events, M_L : -1.9; 2.3

GRONINGEN: 1201 events, M_L : -0.8; 3.6

THE GEYSERS: catalogue without signals: 205638 events, M_L : -0.6; 5.7

catalogue with signals: 15476 events, M_L : -0.3; 4.5