



from Lisbon to Barcelona
[2005 ...] [... 2014]

Content Analysis of ERVO minutes

First Results

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18th ERVO Annual meeting

May 10-12, 2016

Hellenic Centre for Marine Research, Rhodes Island (Greece)



Work aims *[usefulness]*

Among ERVO members

- **Historical Memory**
 - Report on the work done
 - Highlight to more (or less) discussed topics
 - Develop and mantain a report covering ERVO history
- **Action Tool**
 - Plan meetings
 - Organize working groups
-

Outside ERVO

- **Quick overview of themes, aims, initiatives...**

Method

The work is a **Content Analysis** of
ERVO meetings minutes
from 2005 [Lisbon] to 2014 [Barcelona]



The general purpose is to highlight the discussion topics of the past ten years

The outcome allows us to highlight:

- continuity (or not) in time of the issue addressed
[if an issue was up for discussion every year]
- the intensity
[how much the issue was addressed every year]
- the topic internationalization
[if the speakers of each topic are from the same country (or not)]

Method

Three levels of analysis... some examples

Level 1 - Macro	Level 2 - Meso	Level 3 - Micro
Delegates reports of activity	National update/New member	CNR RVs activities
RV Builds, modification and performance	Designing green and silent RVs	Reduce pollution
Manning, safety and training	Medical & sea survival training for scientists	Safety procedures
Scientific technology	Scientific requirements	Problems in building a RV
Legal and insurance	Diplomatic Clearance	Law of the sea
Cooperation and outreach	OFEF & OFEF Tech	Future perspective
ERVO Group	ERVO future	ERVO-EUROFLEETS relationship

7 Macro categories

70 Meso categories

706 Micro categories



Method

- Time in encoding
- Selection of the best way to report results
- Subjectivity of coding
[as all qualitative analysis]
- The topic may depend also by the minutes' accuracy

Cons

Pros

- Increasing level of specificity
- Easy overview of topics
- Many possibilities of analysis
- Continuous update of infobase

First results...

Topic Cloud



Future Tips:

Possibility to repeat this analysis for every year or for single country and to compare results

First results ...

Longitudinal Topics Heat Map – Topic intensity

	Year										Total
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	
Cooperation and outreach	67	100	36	15	35	29	19	42	69	25	437
Delegates reports of activity	82	85	95	63	68	1	11	33	26	1	465
ERVO group	15	9	3	6	11	28	67	10	20	59	228
Legal and insurance	0	0	15	9	18	11	0	0	10	3	66
Manning, Safety and Training	0	21	5	7	9	16	5	7	7	1	78
RV Builds, modification and perf.	18	29	21	19	35	13	21	23	26	53	258
Scientific technology	12	49	21	3	4	1	14	0	5	0	109
	194	293	196	122	180	99	137	115	163	142	1381



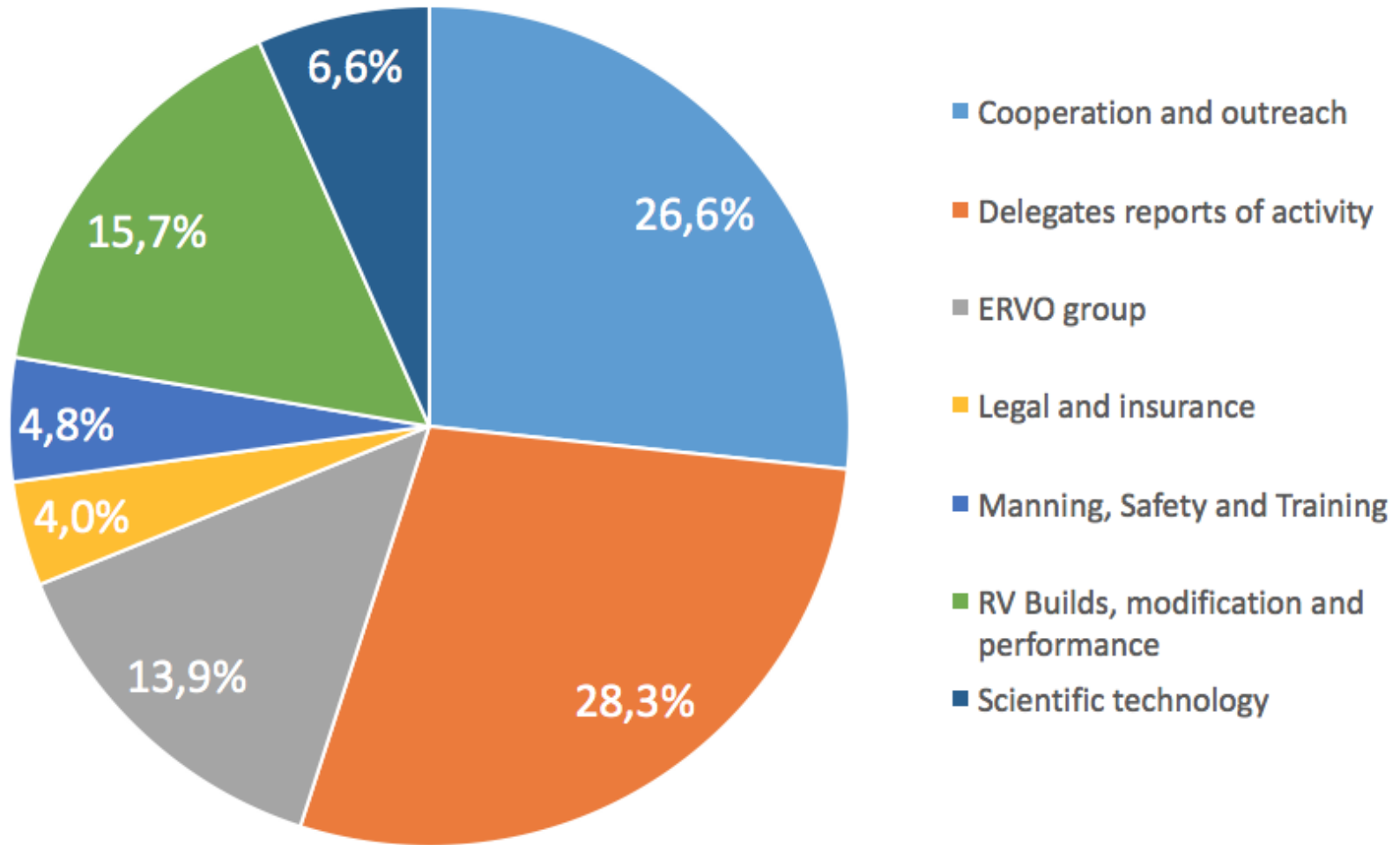
The intensity is given by the number of related micro subjects discussed

Future Tips:

Possibility to repeat this analysis for each country and for a more specific level (i.e. meso level)

First results ...

Topic overall intensity



First results ...

Longitudinal Topics HeatMap – Internationalization intensity

	Year									
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Cooperation and outreach	7	8	6	7	6	7	4	4	7	2
Delegates reports of activity	12	13	12	12	13	1	3	4	2	1
ERVO group	9	9	9	10	12	9	12	9	10	12
Legal and insurance	0	0	3	3	5	3	0	0	1	3
Manning, Safety and Training	0	6	5	4	4	4	1	4	3	2
RV Builds, modification and perf.	4	3	5	5	4	5	4	2	5	7
Scientific technology	5	6	4	1	2	1	4	0	1	0



*The intensity is given by the number of
country that discussed the topic*

Future Tips:

Possibility to repeat this analysis for a more specific level (i.e. meso level)

First results ... Deeper level: the Meso level

National Update	EUROFLEET	Ocean Fleet WG Report	OFEG & OFEG Tech	EurOcean web portal	Fule price & consumption	INMARTECH	Ship Operation		
		ERVO organization	ERVO past	Scientific requirements RV	Regional Barter	Maritime labour convention (MLC) - Code	DipClear Diplomatic Clearance	Code of conduct marine scientific research	
	Sea Mammal Disturbance	EuroACT	DOP and their RV	ISOM	FP7 calls for integrating activities	Designing green and silent RVs	Medical & sea survival training for scientists	Hazardous Material	FP7 Seas-ERA
		ERVO future	EUROFLEETS2	Scientific Diving for RVs	Mediterranean Research Fleet	Improving Stability for catamaran RV	BONUS Report	Marine	
ERVO present	IFREMER		Difficulties in marine operation	National French fleet evolution plan	Chartering of material	Risk Assessment	Mission of	Swath Vessels	
New bulids	ERVO cooperation	MarinERA update	New development in CHINA and INDIA	ERA-NET	Education & Learning	AC vs. DC for RVs	online	ISOM	Next
					VAT on RV goods	Bubble Sweepdown	Previous minutes	Database	Other
			POGO	coordination activity of regional seas - The Mediterranean Sea basic	New French fleet organization	Ballast & waste water treatment	National		
						electric	table		



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Thanks for your attention!!!!
Any comments?

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