



Vipuvoimaa  
EU:lta  
2014–2020



Euroopan unioni  
Euroopan sosiaalirahasto

LAPIN YLIOPISTO  
UNIVERSITY OF LAPLAND

LAPIN AMK<sup>7</sup>  
Lapland University of Applied Sciences

Elinkeino-, liikenne- ja  
ympäristökeskus

Kansainvälisen TKI-osaamisen kehittäminen Lapissa - KATOS

# FROM OBJECTIVE TREE TO LOGFRAME AND WORK PACKAGES, GANTT CHART

Anzelika Krastina,

Senior Lecturer, International Project Manager

Lapland University of Applied Sciences

20.4.2021



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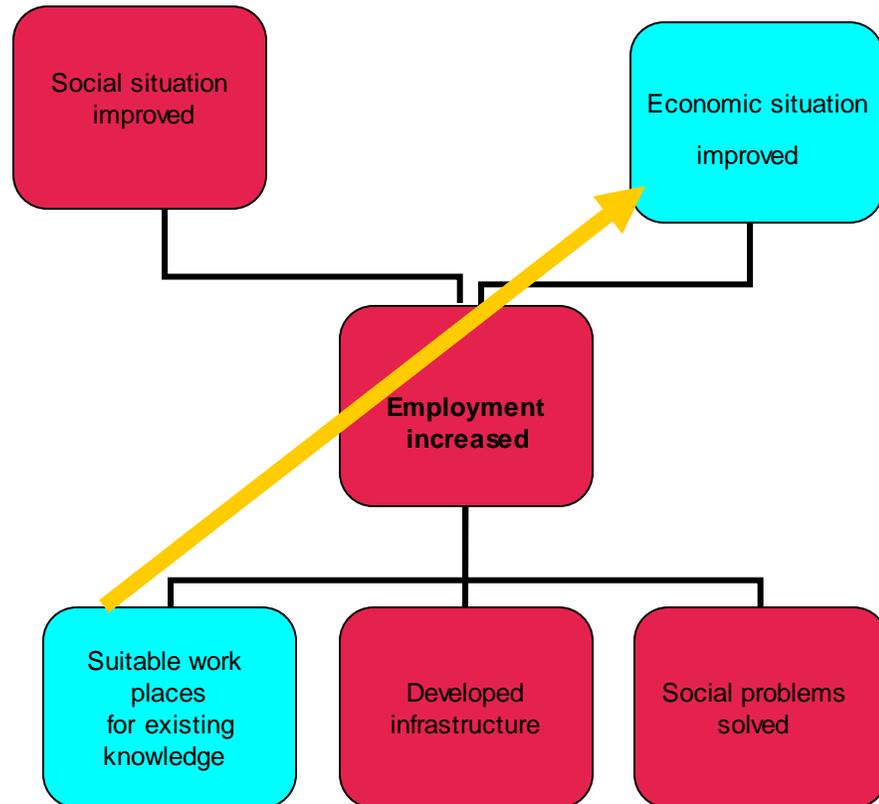
20.4.2021

# ANALYYSIVAIHE



# SUUNNITTELUVAIHE

Ongelma puu – tavoite puu - strategia



Loogisen viitekehyksen matriisi

Kertomus	Mittarit	Mittaustapa	Oletukset ja riskit
<b>Yleistavoitteet / pitkän aikavälin tavoitteet (strategiataso)</b>	(Vaikutus)mittarit	Tiedonlähteet ja käytetyt menetelmät	
<b>Tarkoitus / hankkeen erityiset tavoitteet</b>	(Tulos)mittarit	Tiedonlähteet ja käytetyt menetelmät	Oletukset yleistavoitteiden ja tarkoituksen välillä
<b>Hankkeen tulokset /tuotokset</b>	(Tuotos)mittarit	Tiedonlähteet ja käytetyt menetelmät	Oletukset tuosten ja tarkoituksen välillä
<b>Toiminnot</b>	Resurssit (joita tarvitaan saamaan aikaan toiminnot)	Kustannukset (resurssien käytöstä)	Oletukset toimintojen ja tuosten välillä

# WORK PACKAGES /TYÖPAKETIT

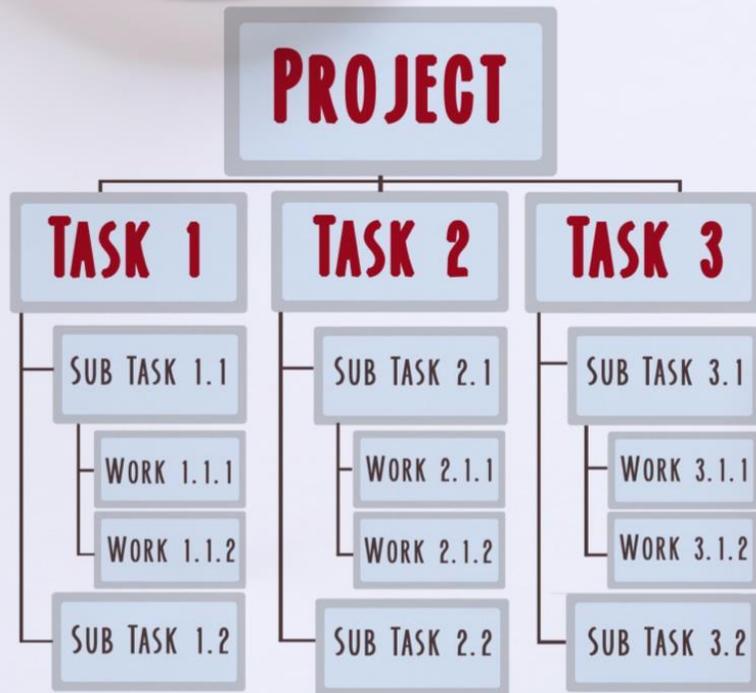
- The **work package (WP)** structure is the means through which the concept presented in the **project** proposal is realized
- WP are integral part of a project work plan
- WP is commonly incorporated in the EU application formats
- Work packages allow for large pieces of work to be broken down into smaller more manageable pieces and assign responsible partner/s
- Work Breakdown Structure is a technique used to develop WP (Hankkeen ositus/ työnositus)

# LOGFRAME → WORK PACKAGES

- Work packages are developed based on Logframe 1<sup>st</sup> column of Objectives
  - Results ( expected outputs/tulokset /tuotokset) can be achieved by carrying out specific activities
  - Activities are divided into sub-tasks
- Objectively Verifiable Indicators and Sources of verification need to be taken into account when creating WP

	Intervention Logic	Objectively Verifiable Indicators	Sources of Verification	Assumptions
<b>Overall Objectives</b>	<ul style="list-style-type: none"> <li>•Rate of skin infections reduced</li> <li>•Tourism decline is stopped</li> </ul>	<ul style="list-style-type: none"> <li>•Health care cost reduced by X%</li> <li>•Tourism revenues increased by X%</li> </ul>	Health and tourism statistics	
<b>Project Purpose</b>	Load of wastewater discharge into river reduced	Reduced pollution level at locations a and b by Y tons of N, Z ton of P by 2002	<ul style="list-style-type: none"> <li>•Monitoring reports of MOE</li> <li>•Evaluation report of independent firm</li> </ul>	Uncontrolled dumping of waste into river reduced
<b>Results</b>	1. Wastewater treatment capacities increased	Amount of treated wastewater increased from x to y m <sup>3</sup> by 2001	Internal report	Water quality from upper river remains stable
<b>Activities</b>	<ul style="list-style-type: none"> <li>1.1 Rehabilitate sewer network</li> <li>1.2 Rehabilitate WWTP</li> <li>1.3 Install control system</li> </ul>	<b>Means</b>	<b>Cost</b>	Qualified staff available
			<b>Pre-conditions</b>	Rehabilitation permission obtained

# WORK BREAKDOWN STRUCTURE



WBS technique is used to break projects down into more manageable sections

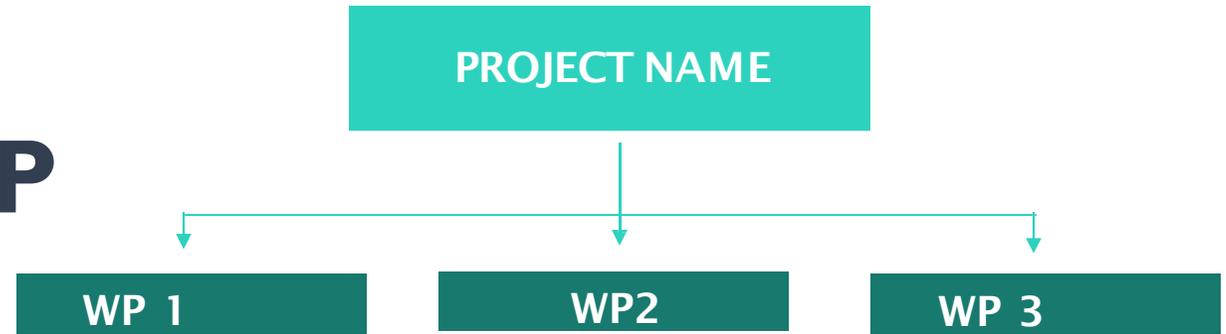
The sections are organised in a hierarchical structure

The further down a WBS you go more details become available

Deliverables are broken down into sub-deliverables

**Hankkeen ositus/ työnositus**

# WORK PACKAGES WP

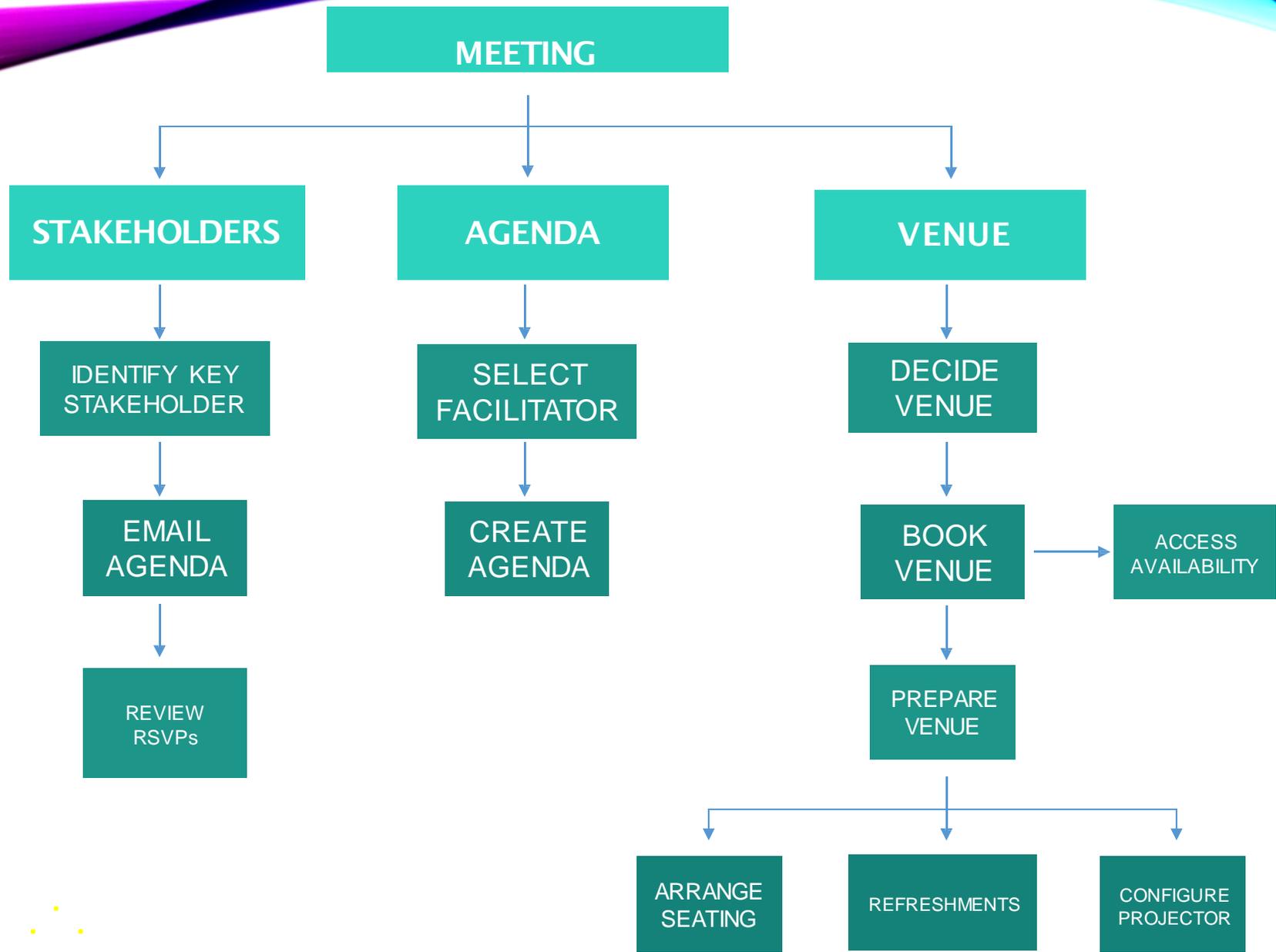


Developed with the use of Work Breakdown Structure technique

Assist in navigating task groups

Present milestones, project phases in an easy to read manner

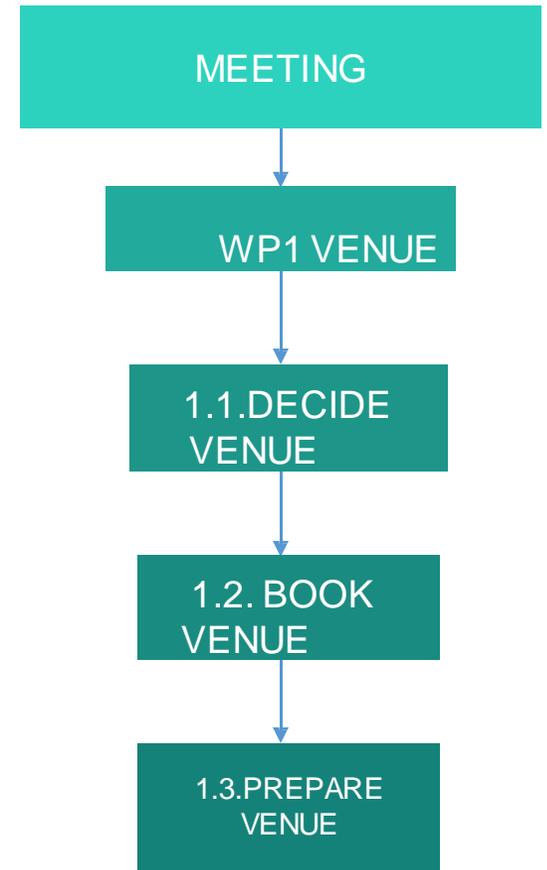
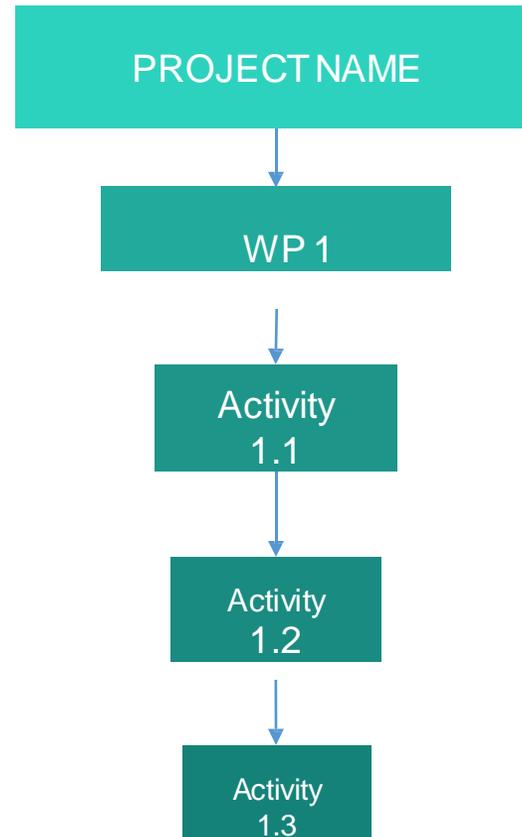




# ACTIVITIES

Are a more broken down sub-tasks - description of WP

Use numbering 1, 1.1., 1.2 etc.



# PROJECT SCHEDULE/ AIKATAULU GANTT CHART

Graphically identifies dependencies

Resource allocation

Task list

Timelines

Deadlines relationships

Dependencies

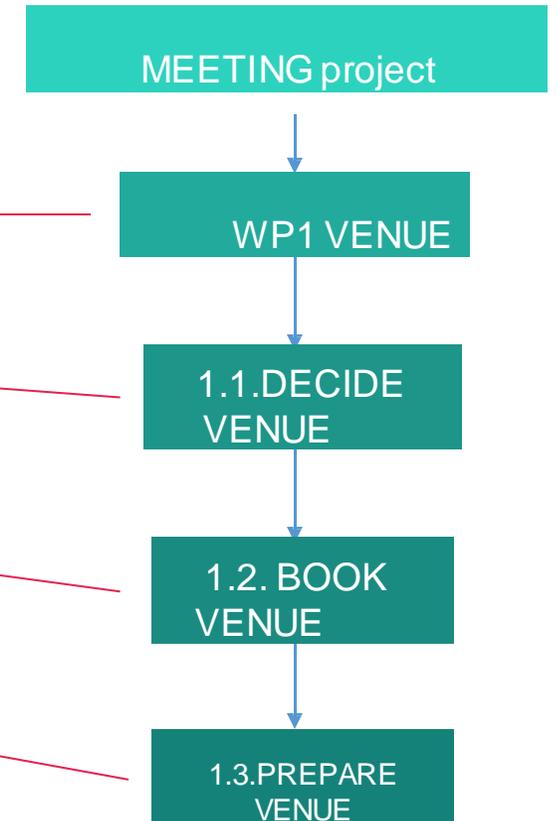
Project phases

Progress



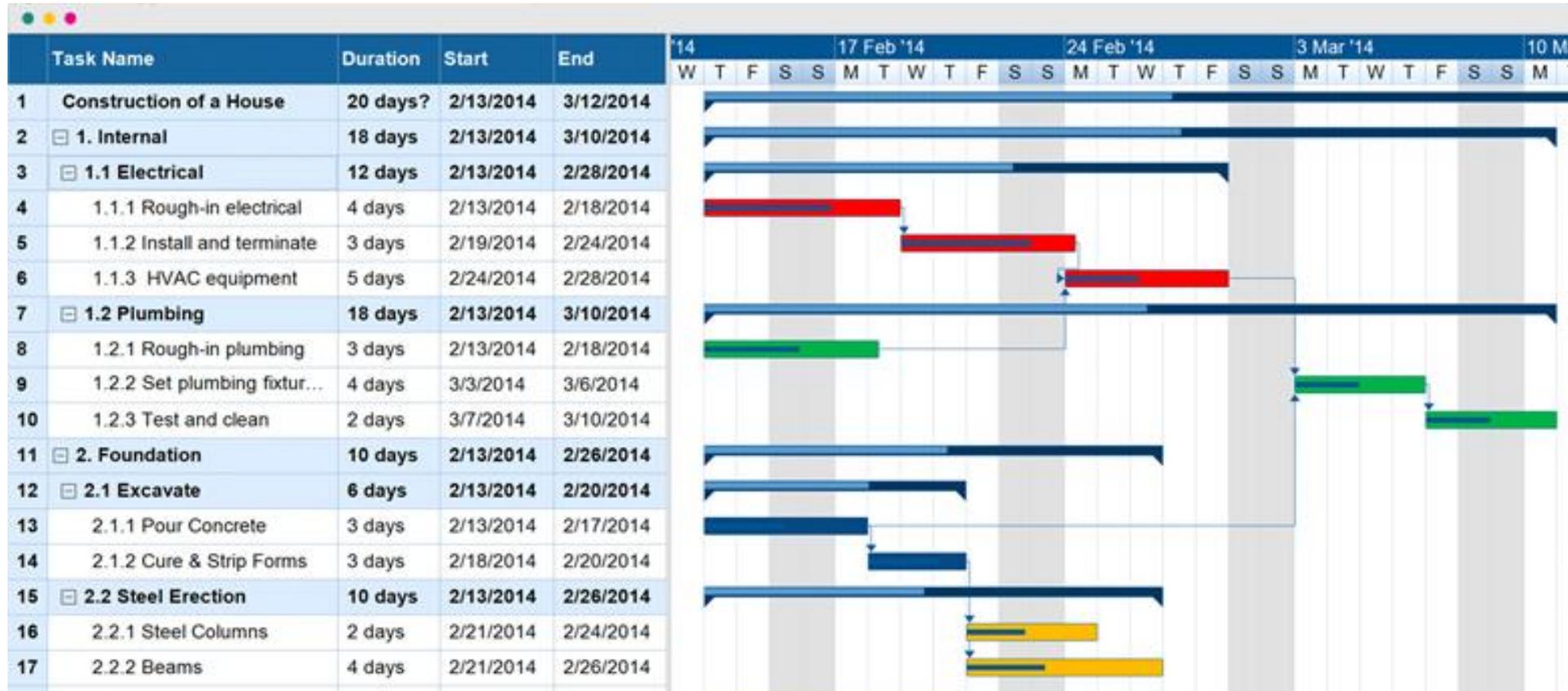
# THE CHART IS REVERSED VISUALISATION OF YOUR WP WITH ESTIMATED AND SCHEDULED TIME

Activity	Time	Months	1	2	3	4	5	6	
<b>1 Venue</b>									
1.1 Decide venue									
1.2 Book venue									
<b>1.3. Prepare venue</b>									
<b>2</b>									
2.1									
2.1.1									
2.2.2									
<b>3.</b>									



# GANTT CHART EXAMPLE

GANTT CHART SHOWS YOU WHAT HAS TO BE DONE (THE ACTIVITIES) AND WHEN (THE SCHEDULE)



# WORKSHOP/TYÖPAJA 30 MIN WORK PACKAGES/TYÖPAKETIT

## 1. Check and reformulate results 10 min

- Make sure the set of your results/tulokset (3-5) ensures achievement of the project specific objective (tarkoitus)
- Results are actual accomplishments – imagine the end of project – these results are **COMPLETED** (put them in past tense)
- Edit (delete, add if needed) results – make sure they are feasible

## 2. Create Work Packages 5 min

- Add Logframe results each in own box in work breakdown chart

## 3. Develop main activities: 15 min

- Under each workpackage box create list of main activities that need to be carried out to achieve this result
- Take into account the time limitation and therefore develop as much as time allows

# WORKSHOP IN MS TEAMS GROUPS WITH PADLETS

## ENJOY AND HAVE GREAT DISCUSSIONS!



# LÄHTEET

- From problem to objective and LF  
<https://www.goforenicbc.eu/index.php/en-projectdev-videotutorialstep05/>
- Aid Delivery Methods PCM Guidelines, EC 2004
- Hankkeen ositus <https://kehmet.hel.fi/menetelmalaari/ositus-wbs/>