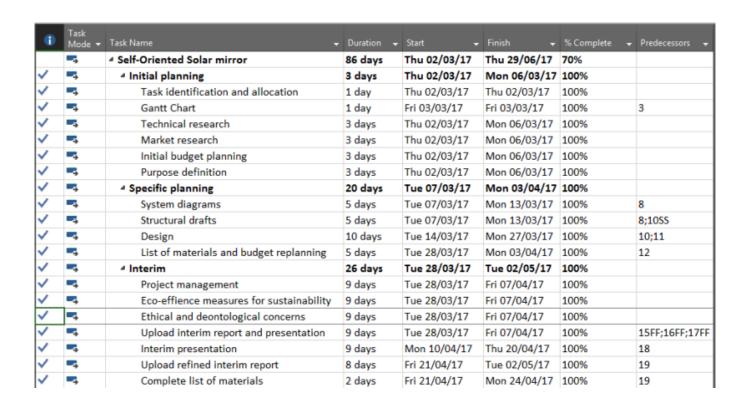# Work plan

Deadlines

- 2017-02-27 Choose a project proposal and send your choice via email to `epsatisep@gmail.com`
- 2017-03-06 Define the Tasks (what must be done - all members must participate in all tasks), subtask allocation (who does what) and Gantt chart (when) of the project and insert them on the wiki (planning)
- 2017-03-13 Upload the "black box" **System Diagrams & Structural Drafts** to the wiki
- 2017-03-27 Upload the detailed **System Schematics & Structural Drawings** to the wiki and finish the cardboard scale model of the structure
- 2017-04-03 Upload the **List of Materials (what & quantity)** to the wiki
- 2017-04-09 Upload the Interim Report and Presentation to the wiki. The report must contain the Introduction, including the tasks, team members allocation and Gantt chart, State of the Art, Marketing Plan, Project Management, Eco-eficiency Measures for Sustainability, Ethical and Deontological Concerns, Proposed Solution and Bibliography chapters
- 2017-04-24 Complete the **List of Materials (local providers & price - including VAT and transportation)** to the wiki
- 2017-04-20 Interim Presentation, Discussion and Peer, Teacher and Supervisor Feedbacks
- 2017-05-02 Upload refined Interim Report (based on Teacher & Supervisor Feedbacks)
- 2017-06-05 Upload the **Functional Tests' Results** to the wiki
- 2017-06-18 Upload the Final Report, Presentation, Video, Paper, Poster and Manual
- 2017-06-22 Final Presentation, Individual Discussion and Assessment
- 2017-06-26:
  1. Update the wiki with all correction suggestions
  2. Hand in to the EPS coordinator a CD with the corrected deliverables (source + PDF) together with all code and drawings produced
  3. Hand in one printed exemplar of the corrected report to the EPS coordinator
- 2017-06-29:
  1. Hand in the prototype and user manual to the client
  2. Receive the EPS@ISEP certificate

Tasks

Phase	Task	Responsible	Involved
Initial planning	Purpose definition	All	All
	Task allocation	Margot	All
	Gantt chart	José	All
	Technical research	Jan	All
	Market Research	Margot, Anna	All
	Initial budget planning	Raymond	All
	Purpose definition	All	All
Specific Planning	System diagram	Jan	All
	Structural draft	José	All
	Design	Jan	All

Phase	Task	Responsible	Involved
	Materials research and budget replanning	Raymond	All
	Complete list of materials	Margot	All
Interim	Project management	Anna	All
	Eco- efficience measures for sustainability	José	All
	Ethical and deontological concerns	Raymond	All
	Upload interim report and presentation	Anna	All
	Interim presentation	Margot	All
	Upload refined interim report	Anna	All
Construction	Construction Hardware	José and Raymond	All
	Construction Software	Jan	All
Testing	Product testing	All	All
	Corrections	Jan, José and Raymond	All
Final	Final report and presentation upload	Margot	All
	Movie	Jan	All
	Demonstration	Anna	All
	Poster	Margot	All
	Manual	Anna	All
	Leaflet	Margot	All
	Final presentation	Anna	All
	Finish wiki	Margot	All
	Corrected printed report	Anna	All

Gantt Chart

i	Task Mode	Task Name	Duration	Start	Finish	% Complete	Predecessors
		◢ **Self-Oriented Solar mirror**	**86 days**	**Thu 02/03/17**	**Thu 29/06/17**	**70%**	
✓		◢ **Initial planning**	**3 days**	**Thu 02/03/17**	**Mon 06/03/17**	**100%**	
✓		Task identification and allocation	1 day	Thu 02/03/17	Thu 02/03/17	100%	
✓		Gantt Chart	1 day	Fri 03/03/17	Fri 03/03/17	100%	3
✓		Technical research	3 days	Thu 02/03/17	Mon 06/03/17	100%	
✓		Market research	3 days	Thu 02/03/17	Mon 06/03/17	100%	
✓		Initial budget planning	3 days	Thu 02/03/17	Mon 06/03/17	100%	
✓		Purpose definition	3 days	Thu 02/03/17	Mon 06/03/17	100%	
✓		◢ **Specific planning**	**20 days**	**Tue 07/03/17**	**Mon 03/04/17**	**100%**	
✓		System diagrams	5 days	Tue 07/03/17	Mon 13/03/17	100%	8
✓		Structural drafts	5 days	Tue 07/03/17	Mon 13/03/17	100%	8;10SS
✓		Design	10 days	Tue 14/03/17	Mon 27/03/17	100%	10;11
✓		List of materials and budget replanning	5 days	Tue 28/03/17	Mon 03/04/17	100%	12
✓		◢ **Interim**	**26 days**	**Tue 28/03/17**	**Tue 02/05/17**	**100%**	
✓		Project management	9 days	Tue 28/03/17	Fri 07/04/17	100%	
✓		Eco-effience measures for sustainability	9 days	Tue 28/03/17	Fri 07/04/17	100%	
✓		Ethical and deontological concerns	9 days	Tue 28/03/17	Fri 07/04/17	100%	
✓		Upload interim report and presentation	9 days	Tue 28/03/17	Fri 07/04/17	100%	15FF;16FF;17FF
✓		Interim presentation	9 days	Mon 10/04/17	Thu 20/04/17	100%	18
✓		Upload refined interim report	8 days	Fri 21/04/17	Tue 02/05/17	100%	19
✓		Complete list of materials	2 days	Fri 21/04/17	Mon 24/04/17	100%	19

✓	🖥	⊿ **Construction software**	**16 days**	**Wed 03/05/17**	**Wed 24/05/17**	**100%**	**23SS**
✓	📌	Planning and Scheduling	6 days	Wed 03/05/17	Wed 10/05/17	100%	
✓	📌	Setting up the environment	6 days	Wed 03/05/17	Wed 10/05/17	100%	
✓	📌	Implementing the code structure and the sun tracking algorithm	9 days	Wed 10/05/17	Mon 22/05/17	100%	
✓	📌	Hardware connection	2 days	Tue 23/05/17	Wed 24/05/17	100%	28SS
	🖥	⊿ **Testing**	**8 days**	**Thu 25/05/17**	**Mon 05/06/17**	**9%**	**22**
▦	🖥	Product testing and corrections	7 days	Thu 25/05/17	Fri 02/06/17	10%	