**Time schedule for project 4.**

| | 2014 | | 2015 | | | | 2016 | | | | 2017 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | III | IV | I | II | III | IV | I | II | III | IV | I | II | III | IV |
| **1. Methodology work-out for determination of bending strength and conceptual design of plates with cell type hollow ribs** | x | x | x | x | x | x | x | X | | | | | | |
| 1.1. work-out of calculation methodology | x | x | x | x | x | x | x | X | | | | | | |
| 1.2. determination of specimens' mechanical properties | | | | x | x | x | X | | | | | | | |
| 1.2.1 Developement of shear Resistance determination methodology for glued joint joint between plywood surface and edge. | | | | x | x | X | | | | | | | | |
| 1.2.2 Determination of deformability and strength of plates in bending | | | | | x | x | X | | | | | | | |
| **2. Methodology work-out for determination of specific bending strength for plates with cell type hollow ribs and determination of values for the most typical geometrical parameters.** | | | | | x | x | x | x | X | | | | | |
| 2.1. work-out of calculation methodology | | | | | x | x | x | X | | | | | | |
| 2.2. determination of specific bearing capacity | | | | | | | x | x | X | | | | | |
| **3. Work-out plate models with most typical types of hollow cell type ribs and experimental investigations to get specific strength in bending, consumption of materials, energy consumption and costs.** | | | | x | x | x | x | x | x | x | x | X | | |
| **4. Recommendations work out for design of geometrical parameters of plates with hollow cell type ribs.** | | | | | | | | | x | x | x | x | X | |
| **5. Recommendations' work out manufacturing and 'work in' technology principles and produce plates' demonstration models.** | | | | | | | x | x | x | x | x | x | x | X |
| **6. Publications, Scopus** | | | | | | | | | | 1 | | | 1 | |
| **7. Conferences** | | | | 1 | | 1 | | 1 | 1 | | | 1 | 1 | |
| **8. Supervision of doctoral thesis and master's thesis** | x | x | x | x | x | x | x | x | x | x | x | x | x | x |