

Expertise & Experience

Position in project: Senior researcher

PĂUN ANIȘOARA, 58 years old, mechanical engineer, Ph.D. in the field of "Mechanical Engineering" from 2004.

Current position held: is Head of Department Research, Development and Innovation - MECHANIZATION TECHNOLOGIES AND MACHINERY FOR AGRICULTURE AND FOOD INDUSTRY, (RDI) Researcher pr. I, INMA Bucharest, Bdul Ion Ionescu de la Brad, no. 6, sector 1, Bucharest, Romania, 013813.

Professional experience in project (31 years): Has competence in mechanical engineering, project management / research - innovation, human resources and financial management involved in running projects, competent leadership gained over 17 projects managed research, development and innovation as Director / Project Manager within programs HORIZONT 2000, RELANSIN, INFRAS, CALIST, NUCLEU, AGRAL, AGRAL-CEEX, INOVARE and PNCDI II. Has competence in mechanical engineering, project management / research - innovation, human resources and financial management involved in running projects: Elaboration of diagnosis, prognosis and strategies in technologies and of technical equipment for agriculture and food industry, research and development processes, mechanization technologies and of technical equipment for agriculture and food processing, technical assistance at the execution of experimental models and prototypes ; Highlighting the renewable energy sources (biomass, biofuel) technologies and of technical equipment for use in terms of efficiency, the protection of life, health and of the environment; Testing in laboratory conditions and in operation of machines and equipment for agriculture and food industry in accordance with the procedures, rules and directives of EU; drafting accompanying documentation for the products realized, testing procedures; certifying compliance of products.

The most relevant topics in which project responsible have carried out activities on the biomass use from agriculture in order to capitalize it (linked to the project) are:

1. Research on optimizing work processes grain dryers from agricultural units, contract 527/12.06.2000, cda. 958, ORIZONT program;
2. Technology and modernized installation for drying fruits and vegetables, contract 1485/02.08.2001, cda. 147, RELANSIN program
3. The development of a technology and an installation for dehydrating medicinal and aromatic plants for preservation, processing and subsequent recovery, contract 15N/27.02.2009/act ad.nr.2/2012, cda.581, NUCLEU program

List of most important achievements in the field project (publications in scientific journals):

1. Zaica A., Nedelcu A., Ciupercă R., Popa L., **Păun A.**, Lazăr G., Ștefan V., Petcu A., Zaica Al. – *Theoretical aspects of the aeration drying process with application in the hay technology*, INTERNATIONAL SCIENTIFIC SYMPOSIUM- SUSTAINABLE DEVELOPMENT IN AGRICULTURE AND HORTICULTURE” –Third edition- AND „DURABLE AGRICULTURE – AGRICULTURE OF FUTURE” THE ELEVENTH EDITION – **Annals of the University of Craiova – Agriculture, Montanology, Cadastre Series** VOL. XLV/2/2015 pp. 259...267, 2015, ISSN 1841-8317, 2015 , ISSN CD-ROM 2066-950X, CRAIOVA, ROMANIA, (Indexed to: *Copernicus Journals Master List, Ulrich, Ebsco*], (Revista recunoscuta CNCSIS, cat. B+), <http://anale.agro-craiova.ro/>)