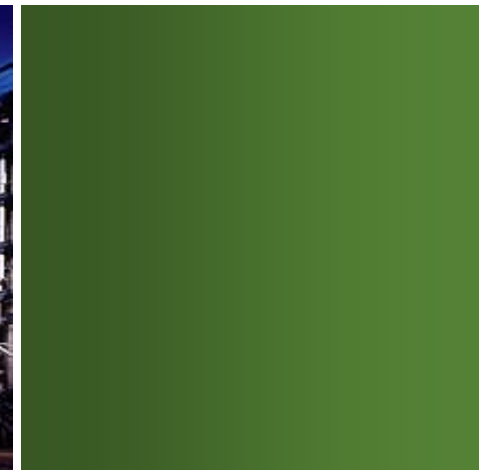


# PROJECT REFERENCES

Overview of the projects, strategically papers, market-project-process studies, business plans and seminars/congress participations of Ensymm since the foundation in 2002



# Bankable Business Plans

- **Bankable Techno-Financial Feasibility Study for Chitosan Production and Chitosan-Based Product Processing**  
Client: Shrimp Distribution Company  
2020/India
- **Bankable Pre-Feasibility Study for Setup of a Modern Cannabis Farm and THC Extraction Facility**  
Client: Private Investor  
2020/Suriname
- **Bankable Techno-Financial Feasibility Study for Distribution Transformer Production**  
Client: Private Investor  
2020/Saudi Arabia
- **Bankable Techno-Financial Feasibility Study for a Organic Shrimp Breeding RAS Farm**  
Client: Royale Family/Private Investor  
2018/Qatar
- **Techno-Financial Pre-Feasibility Study for Paper Cup Production**  
Client: Private Investor  
2017/Qatar
- **Techno-Financial Feasibility Study for Float Glass Production Project**  
Client: Private Investor  
2017/Qatar
- **Bankable Pre-Feasibility Study Breeding of Ornamental Fish and Decorative Corals**  
Client: Bank  
2017/Qatar
- **Bankable Business Plan for IV Bag Processing Factory**  
Client: Solomon Islands Government  
2016/Solomon Islands
- **Bankable Business Plan for Marine Environmental Monitoring Project**  
Client: Bank  
2015/Qatar
- **Pre-Feasibility Study for An Aquaculture Farm/Processing Project**  
Client: Bank  
2015/Qatar
- **Business Plan for Car Filter Distribution Company**  
Client: Entrepreneur  
2015/Germany

# Bankable Business Plans

- **Business Plan for Whey-layer II Project**  
Client: EU Commission Task Group  
2014/European Union  
Commission
- **Bankable Business Plan for Multi Medical Disposable Factory**  
Client: Investment Holding  
2014/Qatar
- **Bankable Business Plan for IV Solution Factory**  
Client: Hospital  
2014/Lebanon
- **Bankable Business Plan for Financing A Pharmaceutical Project In Sudan**  
Client: Private Investor  
2013/Sudan
- **Bankable Business Plan for GMP Blood Bag Production Factory**  
Client: Governmental  
Investment Authority  
2013/KSA
- **Bankable Business Plan for Setup of a Distribution Company For Electrical Part in Dusseldorf**  
Client: Private Investor  
2013/Germany
- **Techno-Financial Feasibility Study for Flour Additives and Nutrition**  
Client: Ministry of Agriculture  
2011/Iran
- **Bankable Business Plan for IV Solution Factory**  
Client: Private Investor  
2011/KSA
- **Business Plan for IV Solution Factory**  
Client: Private Investor  
2012/Libya
- **Techno-Financial Feasibility Study for IV Solution Factory**  
Client: Private Investor  
2009/Syria
- **Bankable Business Plan for IV Solution Factory**  
Client: Private Investor  
2011/Botswana

# Bankable Business Plans

- **Techno-Financial Feasibility Study for Enzyme Cluster Production For Sugar Industry**  
Client: Biotech Company  
2009/India
- **Techno-Financial Feasibility Study for Chitin/Chitosan Extraction for Medical And Pharma Industry**  
Client: Aquaculture Company  
2006/KSA
- **Techno-Financial Feasibility Study for Modern Agriculture Production**  
Client: Private Investor  
2005/Mexico



# Projects

- **Trial Tests for Chitosan Production Based on Sub Critical Water Extraction (SCWE)**  
Client: Ensymm and Canadian University  
2019/Germany and Canada
- **Multipurpose Production Line for Organic Fertilizer and Biopesticide Based on Shrimp Shell Meal and Chitosan for Organic Agriculture Industry**  
Client: Semi-governmental Company  
2019/Suriname
- **Pre-Engineering Package for Technical Grade Chitosan Production Plant**  
Client: Seafood Company  
2019/Iran
- **Trial Tests for Chitosan Coating of Fresh Fish to Extend Shelf Life**  
Client: Seafood Company  
2018/Germany
- **Biofertilizer and Biopesticide Based on Shrimp Shell Meal and Chitosan for Organic Agriculture Industry**  
Client: Semi-governmental Client  
2018/Vietnam
- **Set Up of a Processing Line for Chitosan Production**  
Client: Government  
2018/Suriname
- **Project Consultancy for Turnkey Chitosan Production Plant**  
Client: Seafood Company  
2018/Argentina
- **Project Consultancy, Lab and Pilot Test for Chemo-Enzymatic Production of Medical Grade Chitosan From Lobster Shell**  
Client: Private Investor  
2017/USA
- **GAP Report and Pre-Engineering Package for Technical Grade Chitosan Production Plant**  
Client: Seafood Company  
2017/Iran
- **Process Report and Pilot Test for Detergent Enzyme Granulation Based on FBD Technology**  
Client: Biotech Company  
2016/Iran

# Projects

- **Protein Powder and Shrimp Shell Meal Process Refurbishment**  
Client: Private Investor  
2015/Canada
- **Extraction of Licorice Acid Process Report**  
Client: Engineering Company  
2014/Finland
- **Pre-Engineering Package for a Chitosan Project**  
Client: Private Company and Government of New Fundland & Labrador  
2014/Canada
- **Lab Scale Report for Chitosan Extraction**  
Client: Shrimp Farm  
2014/Honduras
- **Chitosan Antifungal Post Harvesting Trial with Organic Orange**  
Client: Farm  
2014/Spain
- **Research and Development of Non-Glycero Lactase Drops with Longterm Stability Test**  
Client: Medical Distributor Company  
2013/United Kingdom
- **Upgrade of a Process Heating System in Chemical Factory with Modern System for Energy Saving and Environmental Protection**  
Client: Chemical Factory  
2009/Iran
- **Tannic Acid Turnkey Production from Pomegranate Process Report**  
Client: Private Investor  
2007/Iran
- **Chitosan Pilot Scale Process Report**  
Client: Private Investor  
2006/Venezuela
- **Concept for Setup a QA/QC Protein Synthesis and Analysis Laboratory for Human Growth Hormone**  
Client: Pharma Company  
2006-2010/Iran
- **Technology Transfer for First Lactose Free Milk Processing**  
Client: Dairy Factory  
2004/China

# Project Studies

- **Tender Report for Operation of Fish Fingerling and Shrimp Larvae Breeding Facility**  
Client: Private Investor for Qatar Government  
2018/Qatar
- **Auditing and Process Optimization for Chitosan Production**  
Client: Seafood Company  
2018/Vietnam
- **Tender Report for Operation of Fish Fingerling and Shrimp Larvae Breeding Facility**  
Client: Private Investor for Qatar Government  
2017/Qatar
- **GMP Project Report for „WHO-GMP Pharma Factory Design“**  
Client: Pharma Company  
2014/Pakistan
- **GMP Inspection Report for „Pharmaceutical GMP Upgrade“**  
Client: Local Pharma Company  
2013/Yemen
- **Audit for Marine Production Facility**  
Client: Aquaculture Company  
2012/KSA
- **GAP Analysis for a Bio Marine Chitosan Extraction Plant**  
Client: Aquaculture Company  
2012/KSA
- **Date Syrup Production Report for Diabetic Friendly Sweets And Sugar Industry**  
Client: Private Investor  
2011-12/Iran
- **Aloe Vera Licensing and Production Report for Healthy Drink**  
Clients: Private Investors  
2011-12/Greece, Thailand, Iran, Argentina, Pakistan,
- **Modern Enzymatic Production Report of Invert Sugar for Modern Sweet Industry**  
Client: Sugar Factory  
2011-12/India

# Project Studies

- **Cluster Building of Biotech/Green Biotech in University**  
Client: University  
2011/Iran
- **Production Analysis Report for Silicon Solar Grade Bulk Production**  
Client: Investment Holding  
2010/Iran
- **Project Study for Alternative Pectin Production from Sugar Beet Waste**  
Client: Sugar Factory  
2009/Russia
- **Project Study for Glucose Syrup Production From Starch**  
Client: Sugar Factory  
2011/Iran
- **Artichoke Extraction Plant for Fighting Cholesterol Disease In GCC**  
Client: Investor Group  
2010/KSA
- **Tannic Acid Production Study for Environmental Waste Water Management**  
Client: Private Investor  
2009/Iran
- **Production Analysis Report for Silicon Solar Grade Bulk Production**  
Client: Investor Group  
2010/Korea
- **Project Study for Potential of Formalin for Modern Chemical Industry**  
Client: Chemical Company  
2010/Iran
- **POM Production and Related Structural Feasibility Study for Car Industry**  
Client: Chemical Factory  
2008/Iran
- **Production Analysis Report for Silicon Solar Grade Bulk Production**  
Client: Construction Company  
2010/India
- **Launch of a Novel Bio-Pharma Product in Brazil**  
Client: Pharma Company  
2009/Brazil



# Project Studies

- **Lactase Global Distribution Study About Technology Transfer and Local Production To Reach Higher Life Style for Lactose Intolerant Consumers**  
Client: German Food Supplement Company  
2008-2012/EU
- **Novel Dairy Processing Consultancy**  
Client: Government Of Russia  
2007/Russia
- **Project Analysis Report for Preparing Watermelon Concentrated Powder for Novel Food/Beverage Industry**  
Client: Juice Factories  
2006/Iran
- **Project Analysis Report for Preparing Watermelon Concentrated Powder for Novel Food/Beverage Industry**  
Client: Juice Factories  
2006/India
- **Project Study for Vaccine, Biopharmaceutical Production and Cluster Building In MENA**  
Client: Investor Group  
2006/UAE
- **Contact Lens Production Consultancy**  
Client: Hospital  
2006/UAE
- **Biofuel Production Analysis for The Feasibility Based on the Location**  
Clients: Private Investor Groups  
2005-06/Nigeria, India, Iran, Ukraine, New Zealand
- **Project Study for Microbial Production Of Citric Acid**  
Client: Chemical Factory  
2003/Iran



# Market Studies and Dossiers

- **Dossier for Technology Transfer of Organic Fertilizer and Biopesticide Production**  
Client: Private Investor  
2020/USA
- **A new QA/QC Data Bank for Chitosan Quality Definition**  
Client: Ensymm  
2019/Germany
- **Dossier for a Strategical Joint Venture for Drug Delivery Technology**  
Client: Private Investor  
2017/Qatar/Italy
- **Market Study and Strategically Paper for a Seafood Distribution Company**  
Client: Private Investor  
2017/Qatar
- **Comprehensive and Market Report for Aquaculture Farm**  
Client: Food Company  
2015/KSA
- **Project Study for Parenteral/Injectable Production**  
Client: Equity Company  
2015/Bahrain
- **Strategical Paper for Aquaculture Farm**  
Client: Investment Holding  
2014/Qatar
- **Support of A PhD Thesis for Supporting the Input of „Project Statistic About SMES“**  
Client: Institute  
2014/Austria
- **Dossier for Supporting a French Business School to Provide a „Feasibility Study for Chitosan Extraction in Madagascar“**  
Client: Economic School In Paris  
2013/France
- **Market Study for IVD/Blood Tube Production**  
Client: Investment Holding  
2012/KSA
- **Comprehensive Analysis for Bio Marine Chitosan Product Development**  
2012/KSA

# Market Studies and Dossiers

- **Concept for Full Biofuel Strain Cascade for Bioethanol Production from Cellulose Saving Food for Biofuel Process**  
Client: University  
2011/Iran
- **Consultancy for Establishing a Novel Hirudinized Blood Tube Facility Based in UAE for a German Biotech Group**  
Client: Governmental Investment Holding  
2009/UAE
- **Market Study for Exploring the Feasibility for High Fructose Syrup in Global Market**  
Client: Sugar Factory  
2005/India
- **Beer Production Cluster and Related Marketing and Licensing**  
Client: Private Investor  
2010/Syria
- **Consultancy for Solar Cell Energy Network for Analyzing the GCC Based Location for Such A Project**  
Client: Investment Holding  
2010/Kuwait



**ensymm**  
Project Consulting  
for Life Science

# Seminars, Workshops and Lectures

- Dr. Dehdari hold a workshop for enzymatic process advisory of invert sugar production out of sucrose and molasses.  
2020, Pakistan  
2020, Bulgaria
- Dr. Dehdari was invited by the Minister of Commerce, Industry and Tourism and the Minister of Agriculture of Suriname and held a lecture at the Ministry in Paramaribo about „Organic Farming using Bio-Fertilizer and Bio-Pesticide Based on Shrimp Shell Waste“. 2019, Suriname
- Dr. Dehdari participates in Blue BioPlastics Innovation Workshop initiated by King Albert of Monaco on 24th of March 2019.
- Dr. Dehdari hold a guest lecture at CBE of Qatar University about „Intreneurens and Start-up Surviving Strategy in the Business Jungle“ in Doha. 2019, Qatar
- Ensymm is ordered for a chitosan project advisory workshop for evaluation of own production supply of a German pharma company. 2018, Germany
- Dr. Dehdari has been invited to hold a lecture with the title „Chitosan Processing, Market Forecast and Modern Industrial Applications in the 21st century“ at Marine Institute of Memorial University, St. John’s/Canada. 2018, Canada
- Dr. Dehdari has been invited by Italian Biotechnology Society to hold a speech with the title “Opportunity of Italian Biotech
- “Strategy for Start Up Management” at Hanoi University of Science and Technology, Hanoi. 2018, Vietnam

# Seminars, Workshops and Lectures

- SME to Attract International Investors” in Florence/Italy, 29th of September 2017 2017, Italy
- Dr. Dehdari has been invited as guest speaker for „Startup and Entrepreneurship Way of Business“ in cooperation with the Center for Entrepreneurship Düsseldorf (CEDUS) on the 22nd of February in Dusseldorf 2017, Germany
- Dr. Dehdari hold a lecture with the topic „Opportunities and Challenges in Agriculture and Food Processing“ as private lecturer for Amity University where he awarded as guest lecturer with Lecturer certification issued by Professor Naleeni Ramawat 2016, India
- Dr. Dehdari hold a lecture with the topic “ Quality Management in Life Science“ as private lecturer for University of Delhi where he awarded as guest lecturer with Lecturer certification issued by Professor Balram Pani, 2016, India
- Guest lecturer and workshop supervisor for Master graduate terms 2015/2016 with the topic „Quality Management In Pharmaceutical Industry“ at Dusseldorf Business School 2016, Germany
- Dr. Dehdari hold a workshop at Latvia University in Riga with the topic “Intercultural Communication in Project Consulting“ 2015, Latvia
- Congress key speaker for All Indian Food Processor Association about „Application Of Food Additives And Food Supplement In Modern Food Industry“ 2011, India

# Seminars, Workshops and Lectures

- Expert seminar „Technology Transfer and Project Management: Preparing Yourself For Competition In Global Business“ 2009, Germany
- Presentation about „Project Consulting – The Key To Economic Success“ 2008, Bio2Biz, South Africa
- In the course of an annual exchange with the UAE University Al-Ain, Ensyymm held a seminar with the subject „Technology Transfer And Project Consulting In Life Science“ 2007, Al Ain, UAE
- Ensyymm held a seminar with the subject “Technology Transfer And Development Of Biotech Products” 2007, Bio2Biz, Cape Town, South Africa
- UAE seminar about „Fermentation Technology And Its Fields Of Application“ 2005, Al Ain University, UAE
- India seminar about „Ensyymm Networ, A Successful Business Network For Project Development In Life Science“ 2004, New Delhi, India
- Iran seminar about „Using Biotechnology For Food & Beverage Industry“ 2003, Tehran, Iran
- Dubai seminar about „Enzyme For Detergent, Food And Beverage Industry“ 2003, Dubai, UAE
- Iran seminar about „Ensyymm – A Cooperation Bridge Between Iran And EU“ 2003, Tehran, Iran

# Cooperation

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