

# **Martin Joseph Dudziak ---- Science Management Consultant**

This briefing introduces my capabilities, experiences, skills and interests for serving the needs of both private-sector and public-sector organizations in management consulting. My strengths serve challenging management issues in science and technology domains. This document supplements my bio, resume and curriculum vitae.

## **§1 Corporate and institutional management consultancy**

Objective third-party capabilities appropriate to C-level and mid-level management in establishing program and project focus, choice, planning, competition analysis, performance review, negotiation and redirection.

## **§2 Subject matter expertise in multiple complementary areas of basic sciences and technologies**

Particularly in physics, life sciences, computer/information technologies and cross-disciplinary STEM fields, including quantum computing and complex systems. Active research and development in both theoretical foundations and concrete applications. Strong polymath skills for communicating across discipline barriers to achieve synthesis leading to successful project initiation and outcomes.

## **§3 Experience in program and project conception, planning, design, management and communication**

Strong skills in identifying and bringing together optimal people and resources, and in facilitating excellent communications among highly diversified groups and personalities, including across public and private sectors.

## **§4 Extensive experience with international and multi-national consortia, joint ventures, teams**

Particularly with USA, EU, Russia, and also several non-G8 nations in Europe, Latin America, Africa and Asia. Particularly strengths related to major focus-need areas in emerging new STEM areas including quantum technologies, computing, space, and consumer internet information services.

## **§5 Specialty strengths and current activity in key industry and national-initiative themes**

Quantum technologies, particularly quantum computing; artificial intelligence and machine learning; cooperative and autonomous robotics; sensor networks; STEM education and training. Experience with US, EU, RU national initiatives and institutions involved, as well as key corporate industry influencers.

**§6 Diversity-consciousness**

Awareness, sensitivity, practice and forward-thinking creativity, derived from years of experience in the global business and academic communities, including programs and projects addressing these topics through creative employment of science, technology, education and entrepreneurial training.

**§7 Economic sustainability and completion**

Ability to work with complex budgetary requirements and constraints in order to produce outcomes that stay within and under budget limits. I have a strong mindset for the “bottom line” and an ability to work cooperatively with persons and teams in appropriate departments and divisions to achieve satisfactory balance.

**§8 Entrepreneurship balanced with maturity and investment/equity management**

More than two decades of active work in all aspects of engagement with start-up ventures, consortia, joint ventures, technology transfer, intellectual property management and the capitalization of new STEM businesses.

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**Martin Joseph Dudziak, PhD**

**Resume, CV, Bio:** <http://mirnova.org/people/martindudziak>

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