

**EZASSI** – Technology to innovate *faster*.



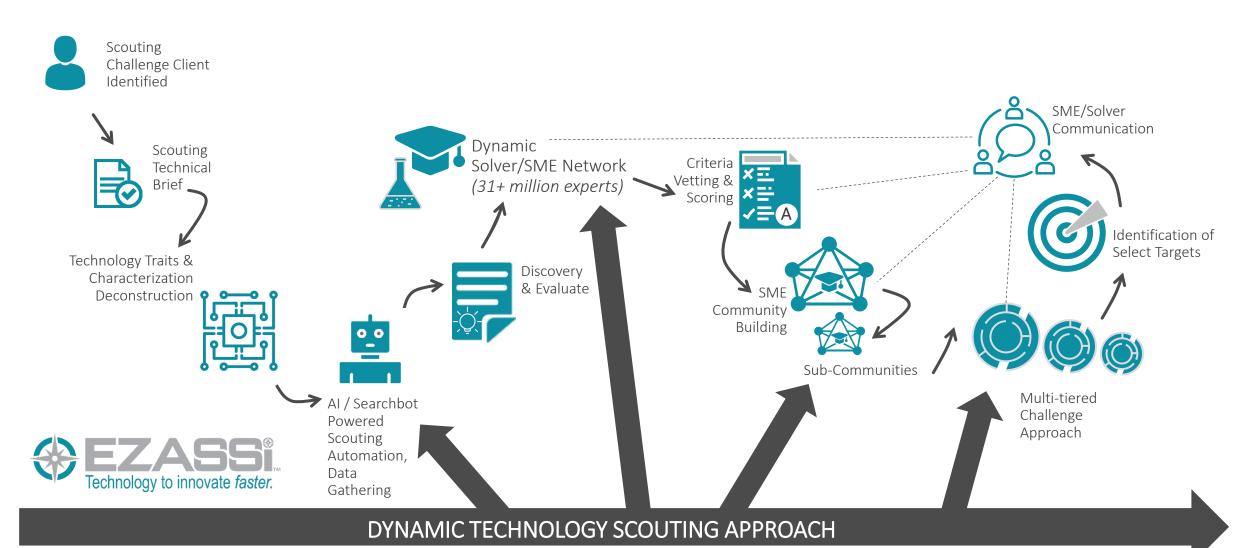
#### More than idea management software.



Ezassi is an innovation technology solutions company encompassing a dynamic approach that combines the best in innovation technology automation, software, processes, expertise, consulting and technology scouting services to advance and accelerate client innovation.



All deliverables, including full target discovery and vetting material, are provided to the client in digital format within the innovation platform and in downloadable formats.



#### Background to the Problem

### Automated Detection and Quantitation of Bone Marrow Cells

- Hematopoietic stem cells in the bone marrow give rise to other cells such as red blood cells. The hematopoietic compartment of the bone marrow is composed of a heterogeneous population of cells in various stages of development, which presents a challenge for pathologists to identify and quantify the specific cell types (lineages) and developmental stages preferentially affected by different types of oncology therapeutics.
- Many oncology therapeutics have dose limiting toxicities due to adverse effects in the bone marrow. Safety evaluation in preclinical species typically relies on histopathology evaluation, which can miss subtle shifts in hematopoietic cell populations due to high cell density and tissue complexity.



#### Technology Scouting

#### Technical Brief



- Company X is seeking an automated tool to accurately detect and quantify the 3 major lineages of hematopoietic cells from scanned images of bone marrow:
  - Company X requires written documentation, output from the proposed algorithm, and submission of the source code and/or an executable for validation.
  - To receive an award, the Solvers will not have to transfer their exclusive IP rights to Company X. Instead, Solvers will grant to Company X a *non-exclusive license* to practice their solutions.



# Technology Scouting



Solution
Option 1

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Dave Jones

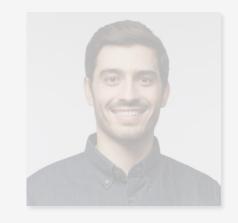
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SME Name

Category: Business Insight

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SME/Company Bio



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Product	



Solution
Option 2

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Solution Option 3

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Competitor

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