

General introduction to UAS technologies

ALPARC conference
Use of drones in alpine protected areas
Toblach, 26th & 27th of March 2018

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AGENDA

- Nature of Innovation
- IDM Ecosystem
- Basic structure of RPAS
- Professional Drone Operators
- alpine.expert/drones



NOI. NATURE OF INNOVATION.

NOI Techpark | Tour by Drone

<https://www.youtube.com/watch?v=Oi6xd9dt4hU>

NOI Techpark | Facts

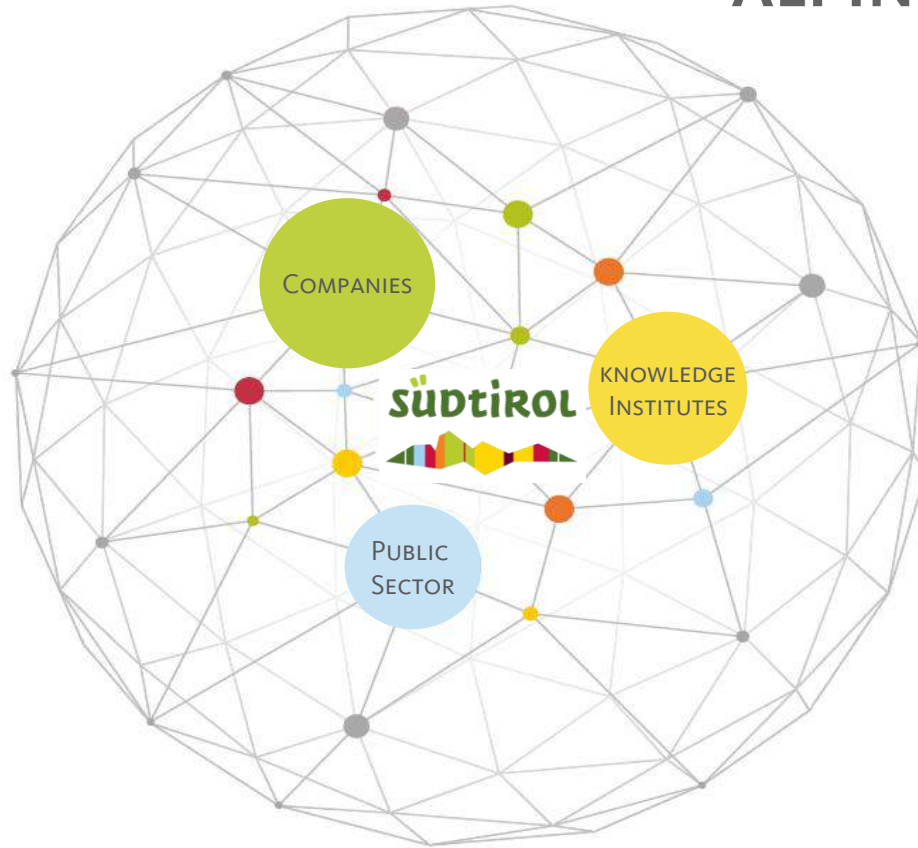
<https://www.youtube.com/watch?v=NNrnbvb-EXk>

Südtirol / Alto Adige

is one of the most coveted

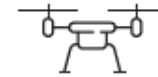
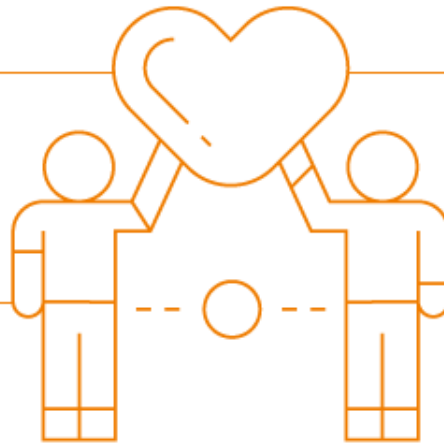
destinations

in Europa.



ECOSYSTEM SPORTS & ALPINE SAFETY

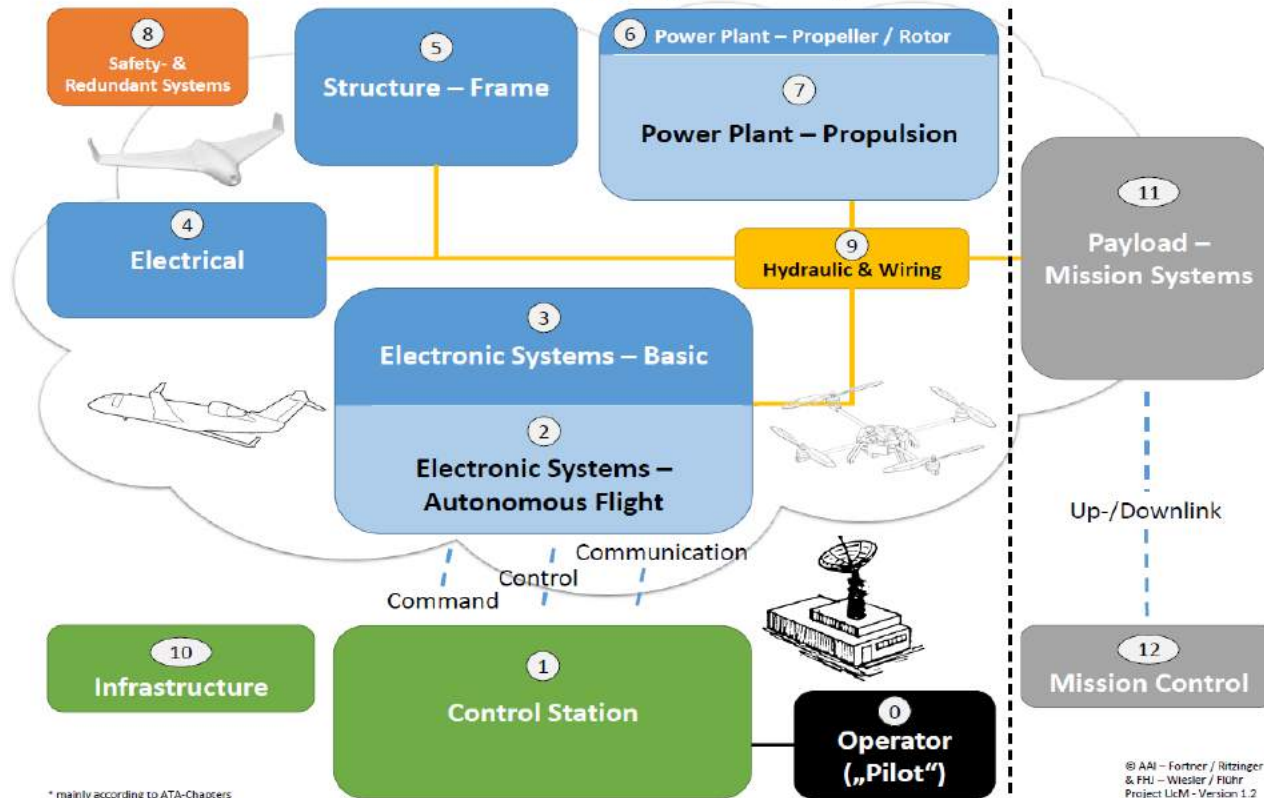
Living between the poles of
MOUNTAIN – TECHNOLOGY – MEN



Nowadays it is common to talk about "ecosystems" in the context of regional innovation. The IDM Ecosystem Sports & Alpine Safety acts as a facilitator in the development, testing and INTRODUCTION OF NEW TECHNOLOGY and TECHNIQUES.

BASIC STRUCTURE OF DRONES

Overview – Taxonomy of UAV Systems*



* mainly according to ATA-Chapters

© AAI – Fortner / Ritzinger
& FHJ – Wiesler / Fluhr
Project LiC – Version 1.2

TRENDREPORT

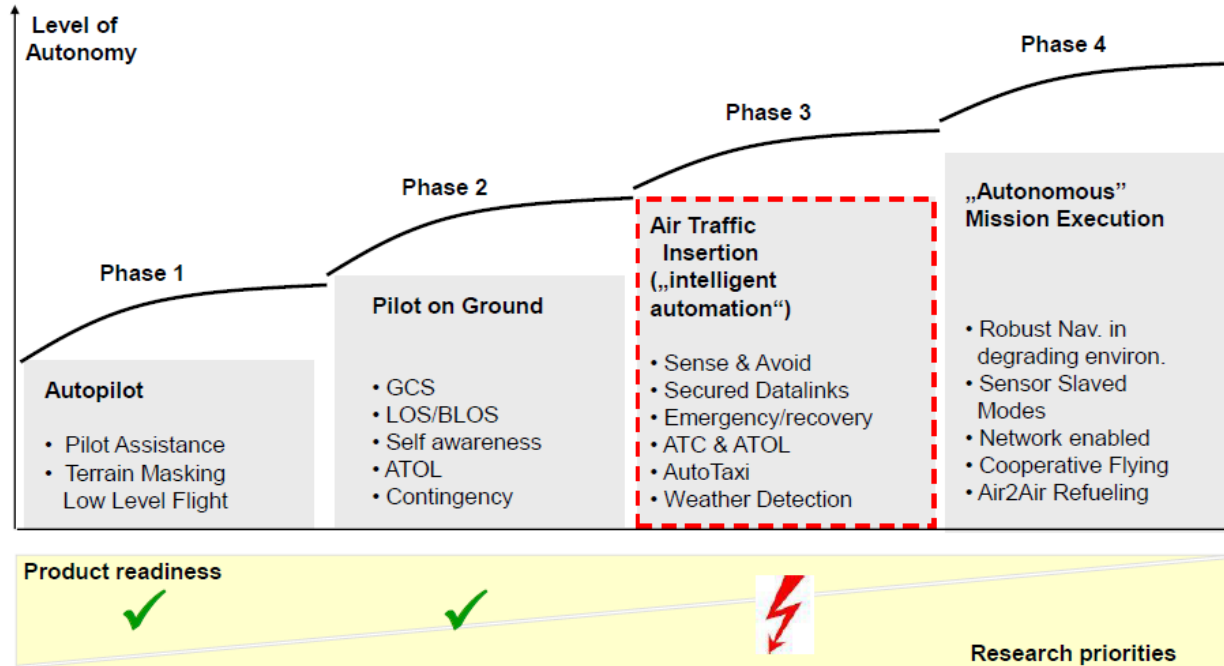
Sicherheitstechnologien für den zivilen Einsatz von Drohnen

Prof. Dr. Horst Schmidt-Bischoffshausen



DOWNLOAD: www.alpine.expert/drones

EU CHALLENGE: AIR TRAFFIC INSERTION



ALPINE.EXPERT/DRONES

Agriculture

Emergency

FILM

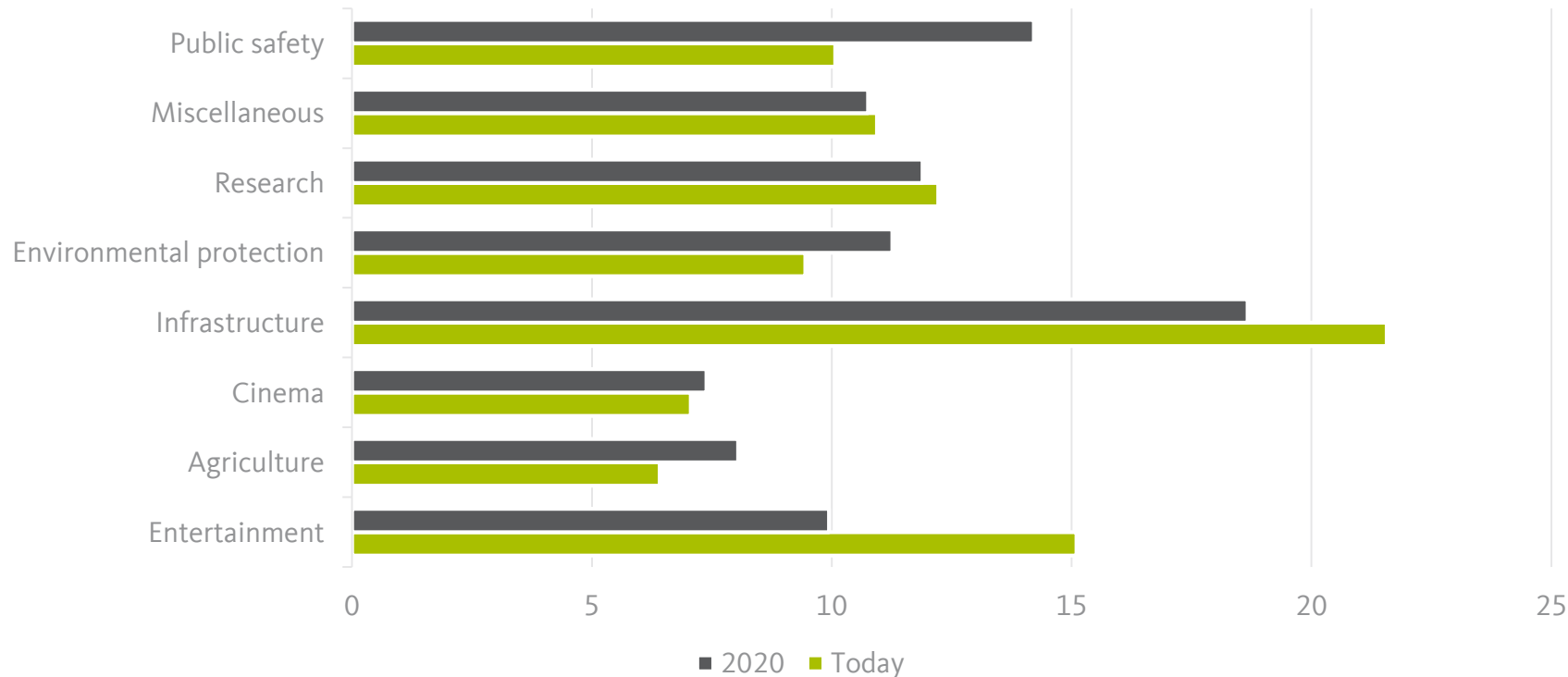
Transport

Geo-science

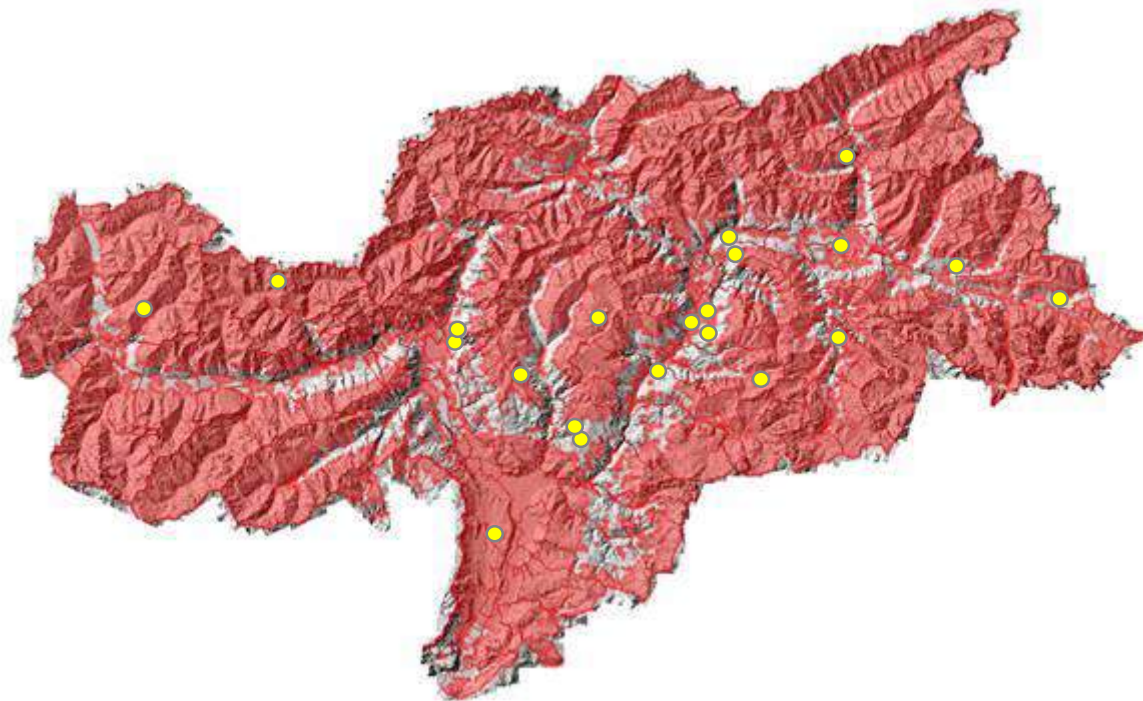
R&D Technology



DRONE MARKET SEKTORS



NETWORK OF PILOTES



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