

ANDORRA, A LIVING LAB FOR INNOVATION

IoT



INNOVATION



CITIZENS PARTICIPATION



PILOTS

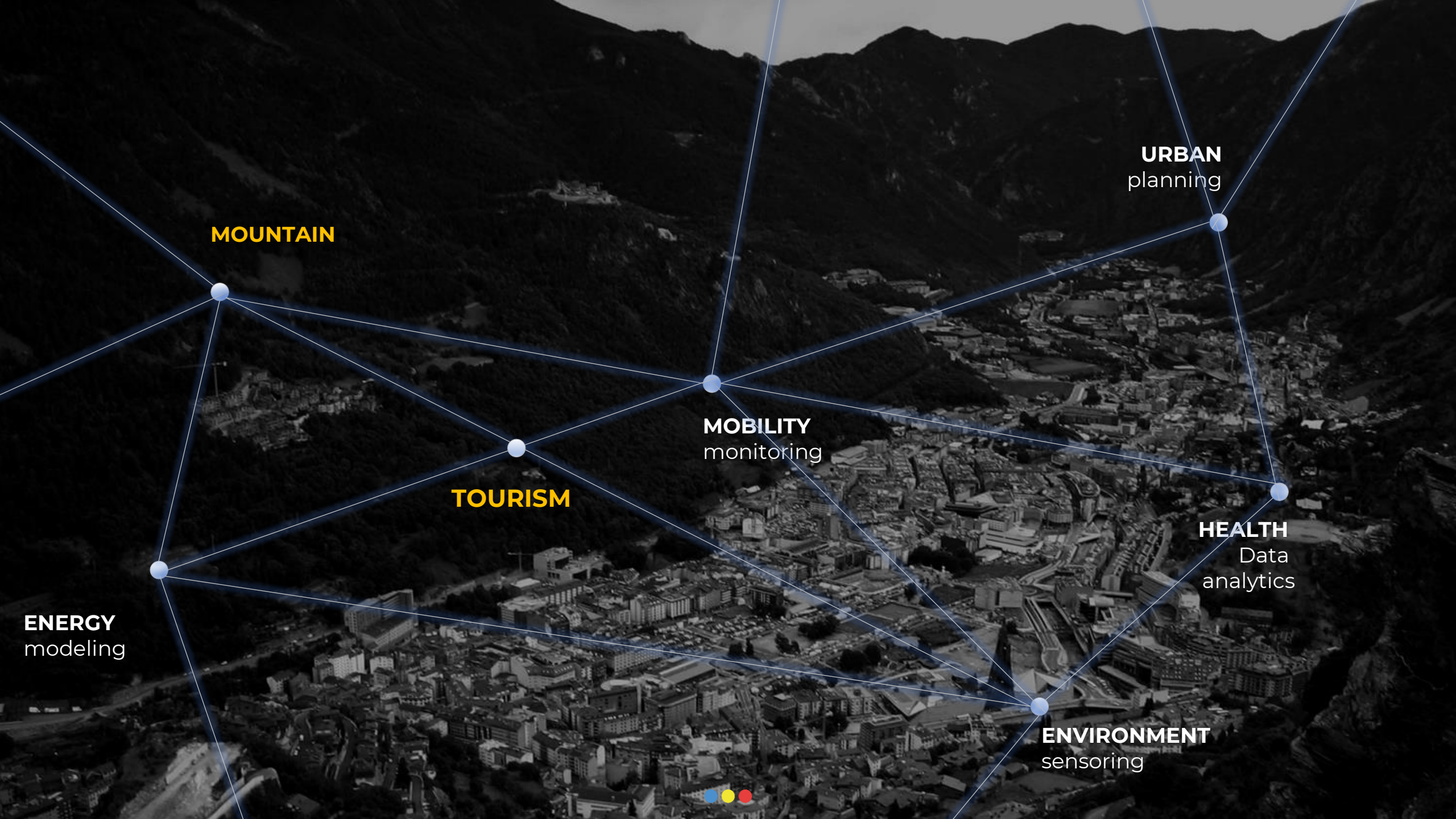


SMART DATA



ANDORRA LIVING LAB





MOUNTAIN

URBAN
planning

MOBILITY
monitoring

TOURISM

HEALTH
Data
analytics

ENERGY
modeling

ENVIRONMENT
sensing



DATA HUB NATIONAL



TELECOM
DATA



ENERGY
DATA



MOBILITY
DATA



TRANSACTIONAL
DATA



SENSORS
DATA





1. PLATFORM
ADVANCED ANALYTICS

2. COUNTRY
SINGLE VIEW

3. TRANSPARENCE

4. OPEN DATA
COMMUNITY



TOURISM





?

WHERE

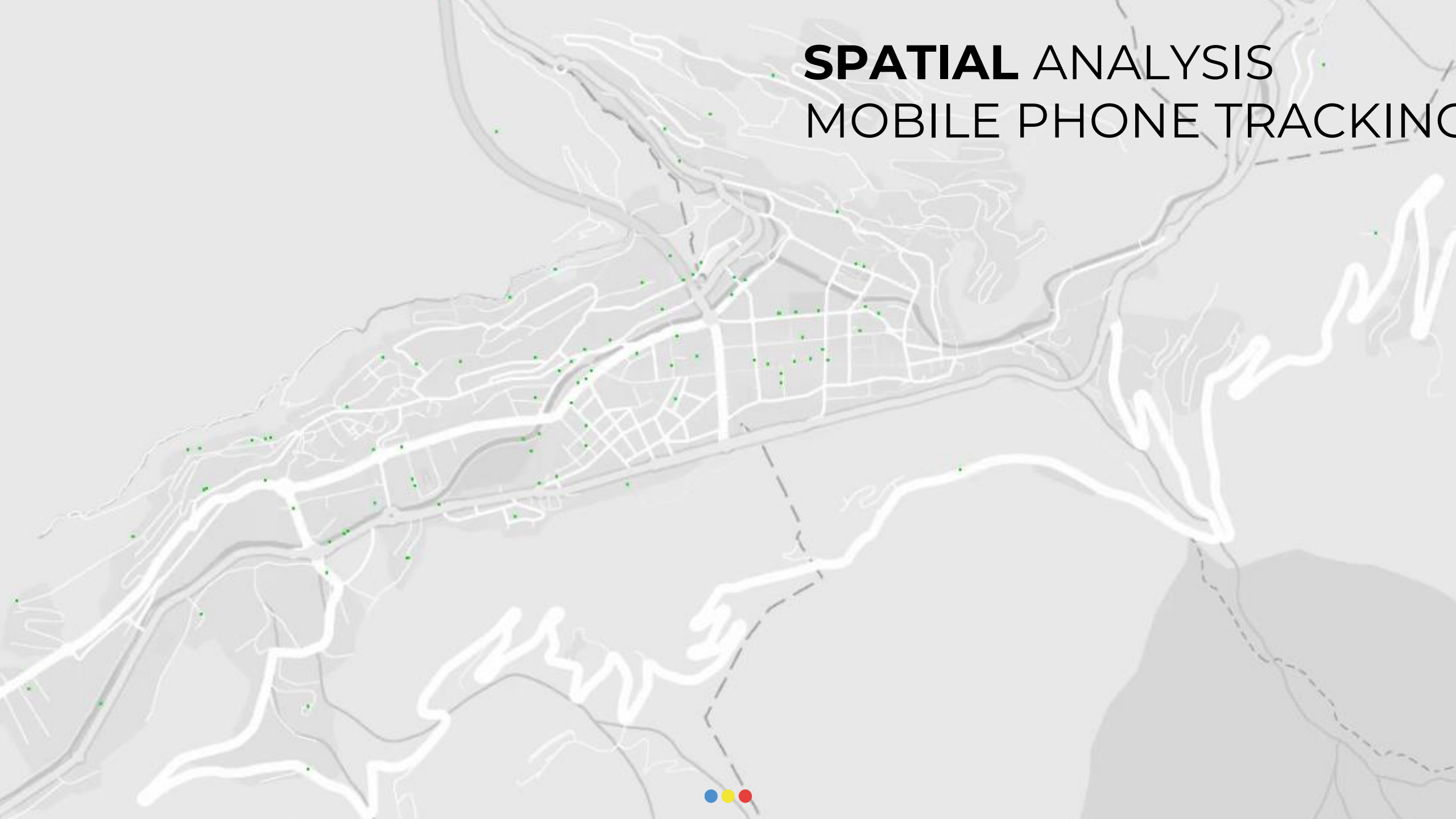
WHEN

WHY

IMPACT

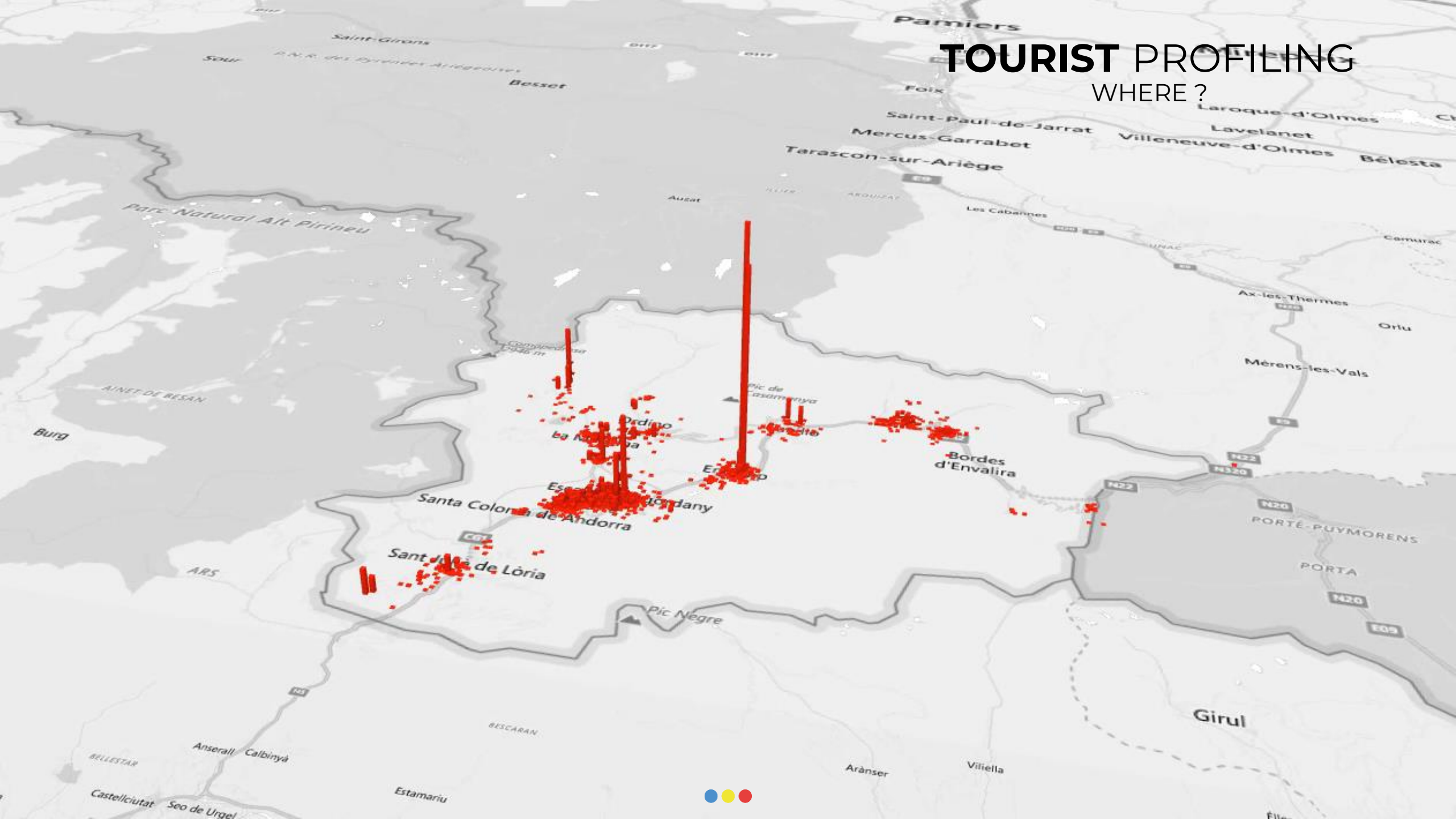


SPATIAL ANALYSIS MOBILE PHONE TRACKING

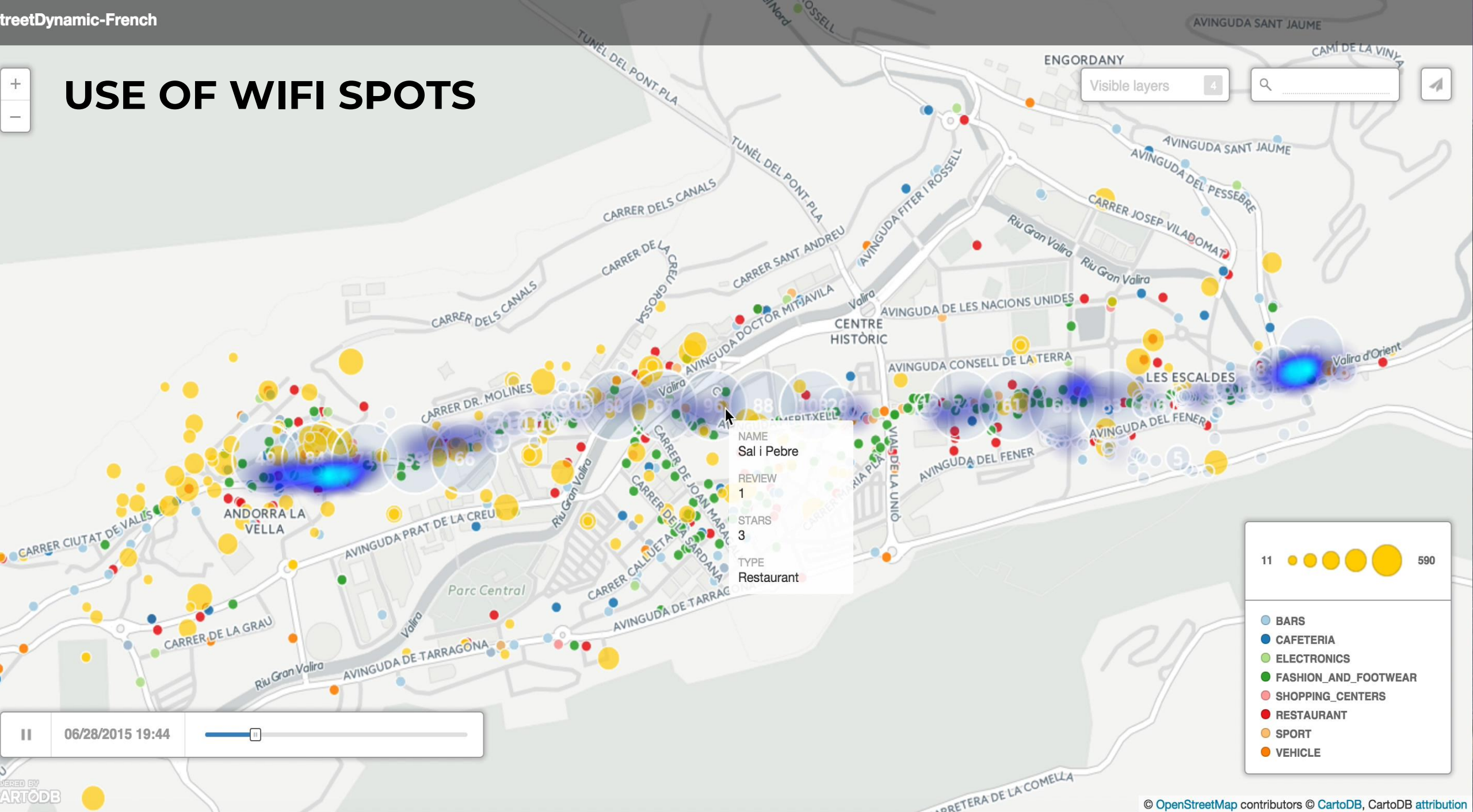


TOURIST PROFILING

WHERE ?



USE OF WIFI SPOTS



TOURIST PROFILING



01:00:02



MOUNTAIN



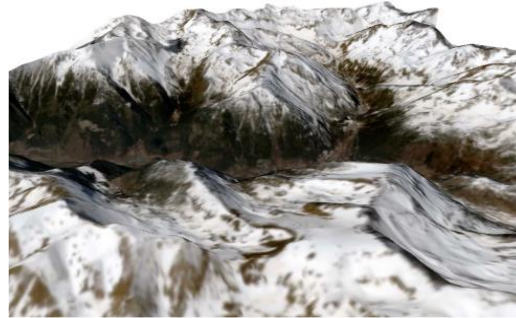


MOUNTAIN LIVING LAB OF INNOVATION



INTERACTIVE SPACE FOR
INFORMATION AND PROMOTION
OF MOUNTAIN SPORTS AND
TOURISM

CO-CREATION AND INNOVATION
SPACE



LA CASA DE LA MUNTANYA
MOUNTAIN LIVING LAB

TRAINING AND EDUCATION



INNOVATION HUB
ANDORRA

ELS 2900

0 is a run over the seven highest peaks
ra (all above 2,900m of altitude) from
at

can chose their own route between
but the most practical routes have
rated to be roughly 70km and 6,700m

Muntanya and 2900's organizers are
al time race follow up strategies
high precision GPS positioning and
monitoring, both with digital and
ports





PLATFORM

NATURAL HAZARDS MANAGEMENT IN TOURISTIC AREAS



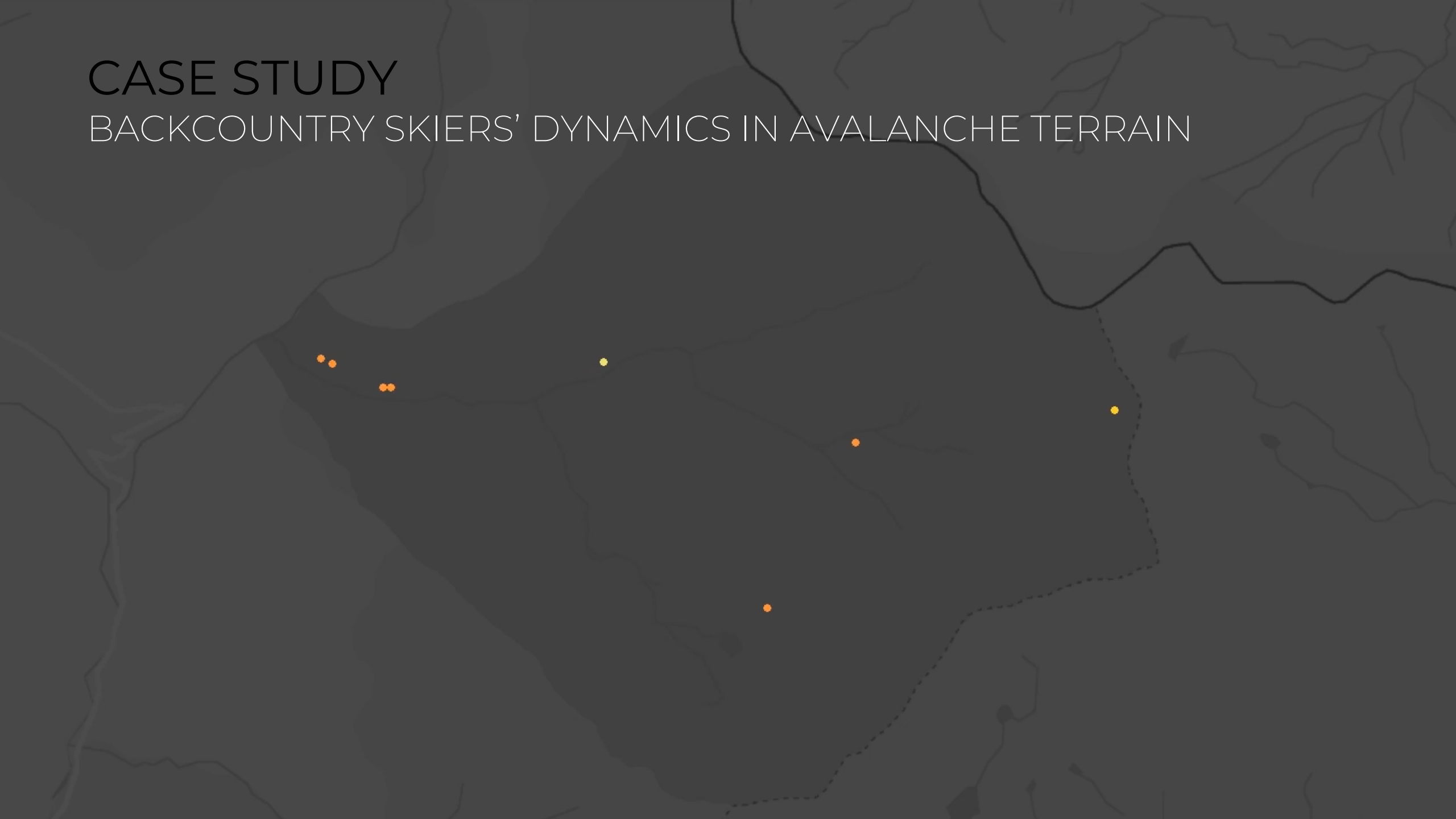
CASE STUDY - ORDINO BIOSPHERE RESERVE -

Sorteny Natural Park

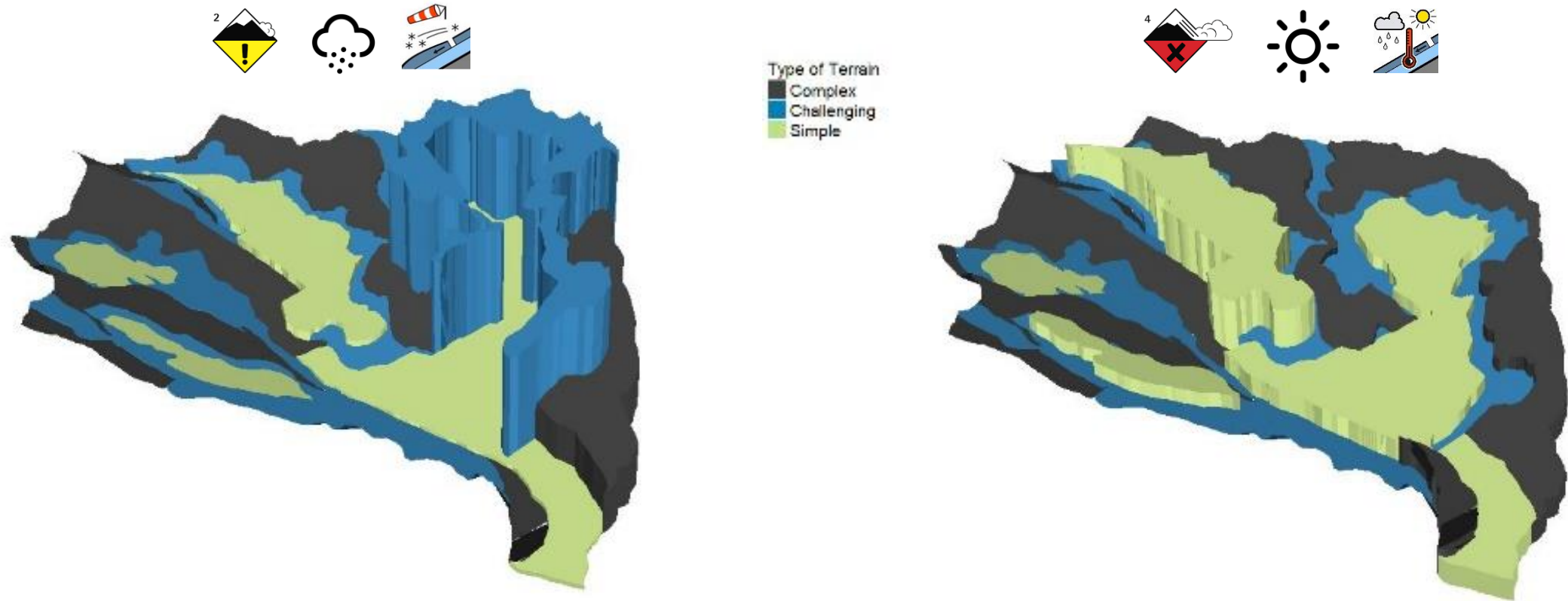


CASE STUDY

BACKCOUNTRY SKIERS' DYNAMICS IN AVALANCHE TERRAIN



MOUNTAINEERS IN EACH TYPE OF AVALANCHE TERRAIN



* Share of people in each type of terrain

DRONES FOR MOUNTAIN RESCUE INTERVENTIONS



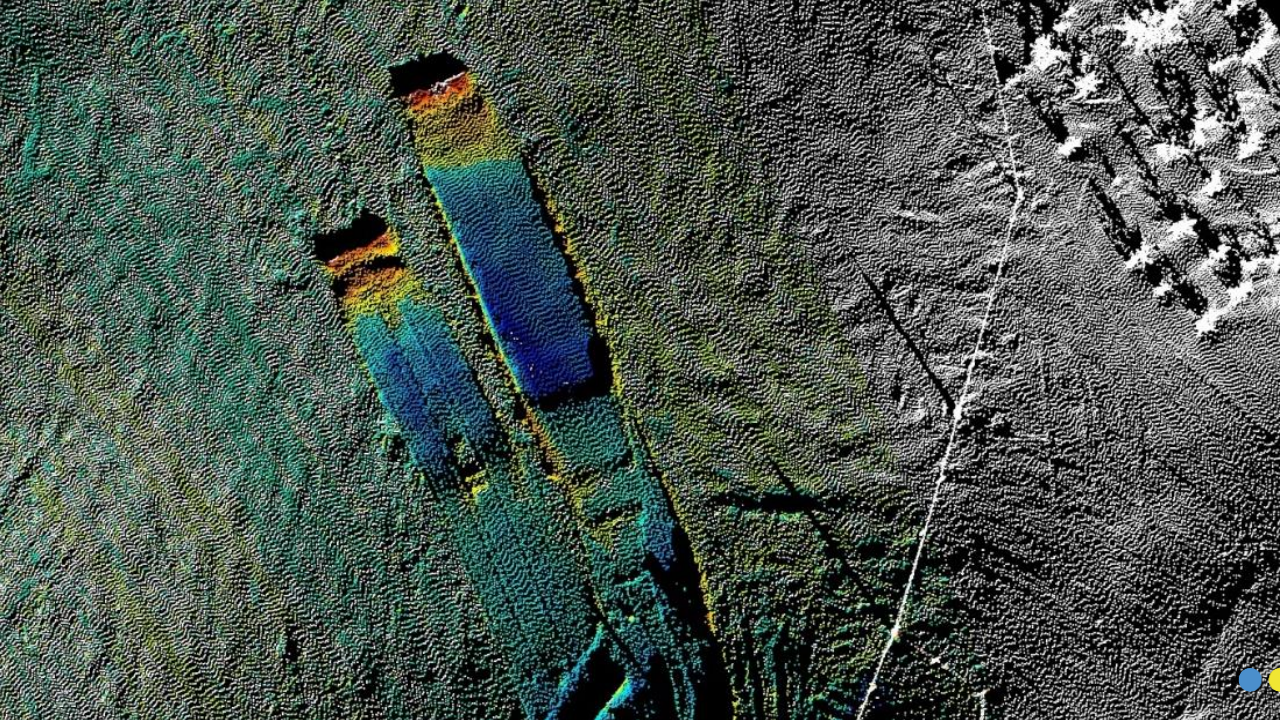
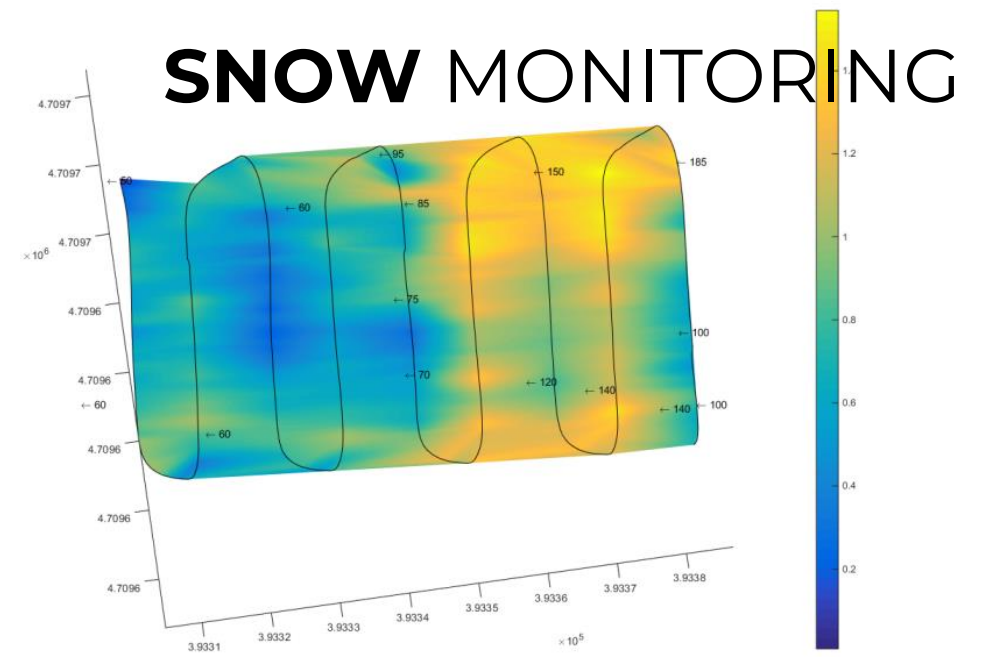
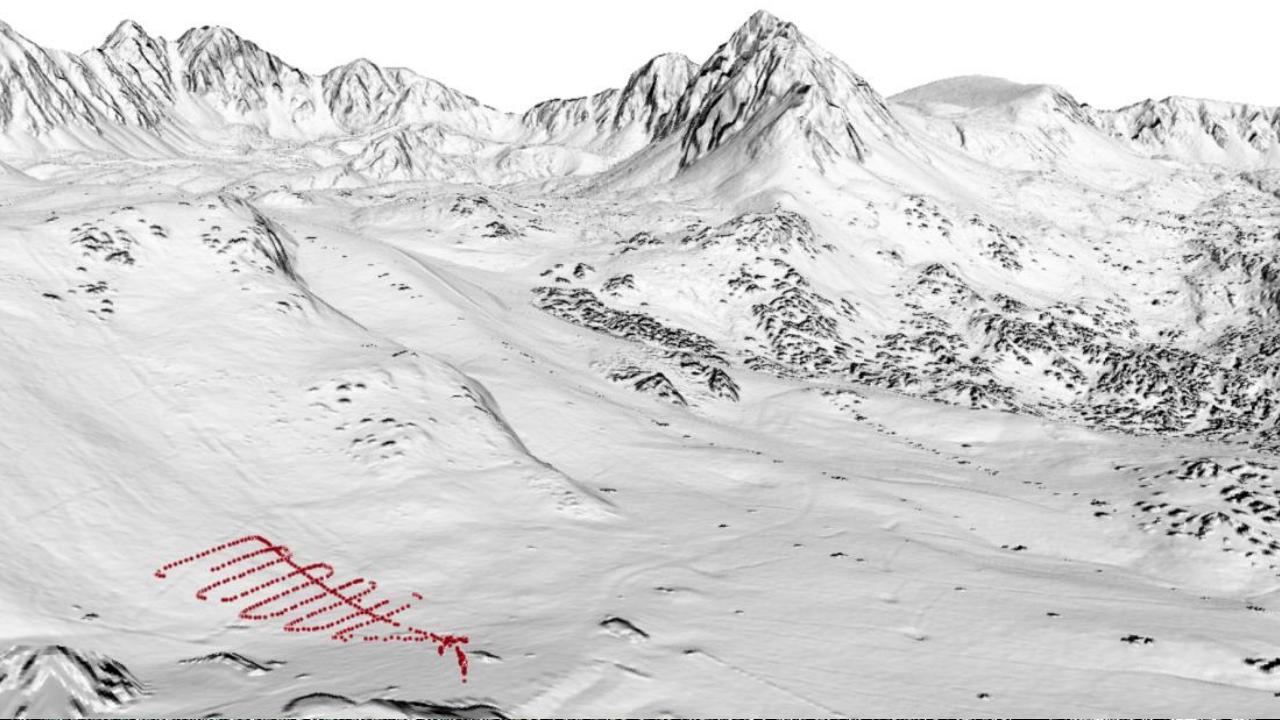
INTRODUCTION new technologies



NEW TECHNOLOGIES FOR A MORE SUSTAINABLE SNOW MANAGEMENT OF SKI RESORTS







ANDORRA, A LIVING LAB FOR INNOVATION

mpons@ari.ad

www.ari.ad