FROM BACKPACKS TO JETPACKS
HAND PICKS TO SKIDSTEERS

LEVERAGING OLD TOOLS AND NEW
TECHNIQUES FOR LONG TERM
SUCCESS
THE ETERNAL QUESTION:

DUDE, WHERE IS YOUR JETPACK?
DREAM OR REALITY?
IF NOT JETPACKS.....

IS THERE NEW OR OLD TECHNOLOGY FOR MORE EFFECTIVE, LARGE SCALE WEED MANAGEMENT??????
PROBABLY

WHERE DO WE LOOK?
WHO ELSE WORKS WITH A LOT OF WEEDS IN LARGE SCALES AND IN REMOTE AREAS?

FORESTRY
AGRICULTURE
LANDSCAPE CONSTRUCTION
THERE ARE A LOT OF WEEDS

JUST FACE IT
CAN WE HAND PICK THEM ALL?
OR COULD WE DREAM OF A BETTER WAY?
ROBOT SUIT – HYDRAULIC ASSISTED HAND WEEDING!
BEFORE WE DREAM TOO FAR INTO THE FUTURE – HOW ABOUT LOOKING TO OUR PAST?
100 YEARS OF BIG AG AND FORESTRY CHANGED THE LANDSCAPE OF NORTH AMERICA
ARE WE STILL USING ANY OF THESE TOOLS?
FORESTY
STEAM POWER AND PEOPLE TORE APART OUR NATURAL WORLD 100 YEARS AGO
COULD THE SAME TECHNOLOGY BE USED TO PUT IT BACK TOGETHER?
NO HERBICIDE – ONLY DYNAMITE
SAME PLAYERS – DIFFERENT TIME
PEOPLE HAVE BEEN REPLACED BY MACHINES IN NEARLY ALL PHASES OF MODERN LOGGING
HARVESTERS CUT AND BUCK
YARDERS SKID AND LOAD
ELABORATE CABLE SYSTEMS USED FOR LOG EXTRACTION
HOT AIR BALLOONS!
MULCHING TRACTORS CLEAN-UP SLASH BEFORE PLANTING
TECHNOLOGY IS TRICKLING DOWN

MANY OF THESE TOOLS CAN BE TWEAKED FOR WEED MANAGEMENT
SMALLER SKIDSTEER MULCHERS NOW AVAILABLE
MINI-MULCHING HEAD
TREE TO MULCH – IN PLACE - < 5 MINUTES
WIDELY USED FOR GORSE/BROOM REMOVAL IN AUS/NZ
GORSE FIELD - BEFORE
GORSE FIELD – AFTER 2 HOURS
STEEP SLOPES ARE ALWAYS A PROBLEM
MODERN MACHINES CAN WORK ON UP TO 100% SLOPES
SPIDER (WALKING) EXCAVATORS ARE COMMON EVERYWHERE EXCEPT THE UNITED STATES
CAN BE USED FOR VEGETATION MANAGEMENT
MULCHING HEAD FOR SCOTCH BROOM ON SLOPES
MATERIAL HANDLING
THERE HAS TO BE A BETTER WAY
CONVEYOR BELTS AT CONSTRUCTION SITES
MOBILE INDUSTRIAL SYSTEMS FOR MINES – PROCESSING PLANTS
NEW LIGHTWEIGHT MOBILE SYSTEMS FOR WILDLAND WORK
MANY CONVEYOR SYSTEMS CAN NOW EVEN BE RENTED TO REDUCE PRICEPOINT EVEN FURTHER
CAN WE DREAM OF GOING FURTHER?
WHAT THE?
UAV’S NOT JUST FOR THE MILITARY ANYMORE
YAMAHA’S RMAX RC HELICOPTER
AGRICULTURAL SPRAYER
OVER 1,600 CURRENTLY USED IN JAPAN/KOREA PEST CONTROL TODAY
PAYLOAD EQUIVELANT TO AN ATV SPRAYER AND CAN GO ANYWHERE
MORE MODEST OPTIONS AVAILABLE
CURRENT US COMERCIAL PRODUCTS CURRENTLY LIMITED TO AERIAL PHOTOGRAPHY
PRECISION AG USE FOR AERIAL PHOTOGRAPHY
SO I WOULD LIKE TO ENCOURAGE YOU TO DREAM A LITTLE

HALF-BAKED IDEAS CONTINUE TO CHANGE THE WORLD
ONCE THESE WERE SOMEONE’S CRAZY IDEA
WE NEED MORE DREAMERS

ENGINEERS, ARTISTS, SCIENTISTS, BUSINESS PEOPLE TO DEVELOP AN ECONOMY FOR WEED WORK
WITH MORE COOL TOOLS, WE CREATE MORE COOL JOBS, AND THEN WE GET WAY MORE DONE!
AND IF YOU CAN’T CREATE – BELIEVE!
AGENCY STAFF, MANAGERS, REGULATORS, BOARD MEMBERS

WE NEED YOUR SUPPORT TO TEST NEW IDEAS – OTHERWISE WE ARE JUST CRAZIES WITH IDEAS
AND ONLY THEN WE CAN KEEP GOING HIGHER AND HIGHER