

INCLUDING EVERYONE

HOW WE CAN CREATE A REALLY INCLUSIVE SHOPPING ENVIRONMENT FOR ALL OUR CUSTOMERS.

[Start learning how >](#)



What Do We mean by Inclusion and Diversity?



Connecting with everyone



Face your customer and make eye contact



Give your customer your undivided attention

be in the moment and focus on what they are telling you



Of those people who reported a disability:

36% experience stamina/ breathing/ fatigue difficulties



48% have mobility difficulties



13% experience hearing loss

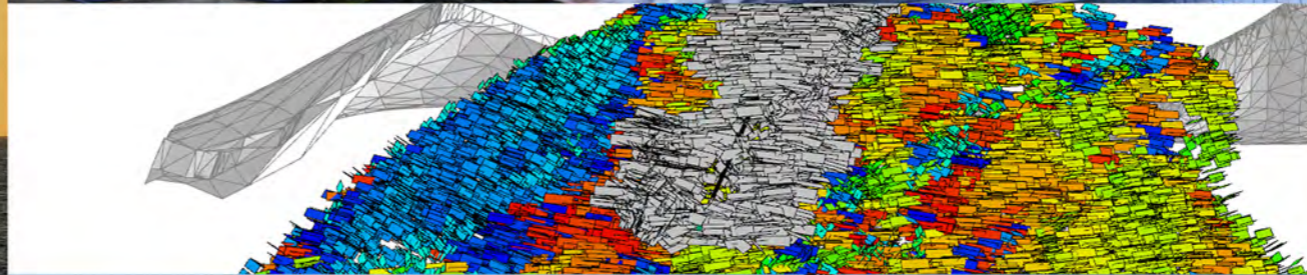


There are several terms used to describe disabilities that are not visually obvious. These include:

non-visible disabilities
invisible disabilities
less-visible disabilities
hidden disabilities



RESERVOIR SERVICES FOR OPTIMISING PERFORMANCE AND VALUE



The power to understand and characterise the properties of your reservoir, to predict future behaviours and to optimise and commercialise its lifetime performance.

SUB-SURFACE EXPLORATION AND DEVELOPMENT SERVICES

Our focus is to help clients realise the full potential of their wells – reservoir optimisation is what it's all about. Golder has extensive experience in hydrocarbon basins, working and guiding oil and gas clients to make better investment decisions throughout the full reservoir life cycle. Our in-depth, and practical knowledge of your industry and expertise in sub-surface development means we understand the technical and commercial challenges you face when developing your reservoirs. Our integrated approach enables clients to discover the potential about their reservoirs, understand the rock properties and make, faster, informed decisions and improve return on investment. We know how to solve your problems.

GOLDER'S INNOVATIVE TECHNOLOGIES AND SERVICES WILL

- IMPROVE DECISION MAKING THROUGH BETTER RESERVOIR CHARACTERISATION
- HELP REDUCE OPERATIONAL RISKS BY RESERVOIR GEOMECHANICS ANALYSES
- OPTIMISE PRODUCTION BY ACHIEVING MAXIMUM CONTACT WITH THE RESERVOIR
- DEVELOP BETTER HYDRAULIC FRACTURE STIMULATION STRATEGIES

Golder's multi-disciplined team will help you maximise your ultimate recovery, using their comprehensive subsurface reservoir knowledge. Our impartial advice and guidance enables you to make better investment decisions throughout the life cycle and improve your ROI.

FUTURE TRENDS IN CANADA'S PACIFIC OCEAN

SUBMITTED TO:
WWF-CANADA
275 SLATER STREET SUITE 810
OTTAWA ONTARIO
K1P 5H9



POTENTIAL IMPACTS

Socio-Economic

Provision of energy to Canadians and internationally

Contribution to economic development and employment in the province

Port and shipping lane congestion

Potential spatial conflicts with other marine activities (e.g., local fisheries, recreation, tourism, marine protected areas)

Potential fires and loss of human life from oil and gas leaks, blowouts, or catastrophic failure at facilities or on tanker ships

Biophysical

Increased marine vessel traffic

Potential health effects for marine life from release of toxic chemicals and residues

Habitat loss due to shoreline modification such as port expansion, construction of new facilities (i.e., dredging, piling)

Potential for major and minor oil and gas spills from leaks or blowouts affecting marine organisms and food webs for decades

Habitat use conflicts with marine organisms (ship strikes, migratory route avoidance)

Noise and light impacts on wildlife behaviour (e.g., fish, marine birds and mammals)

2.4 Oil and Gas exploration

A federal moratorium on all offshore marine oil and gas activities has been in effect since 1972. British Columbia is however promoting pipeline infrastructure projects to transport crude oil and natural gas from Alberta to the coast for export. Several projects are proposed for the coastline in Northern BC, with a significant potential for economic development in the Oil and Gas sector.

2.4.1 Offshore Oil and Gas Exploration

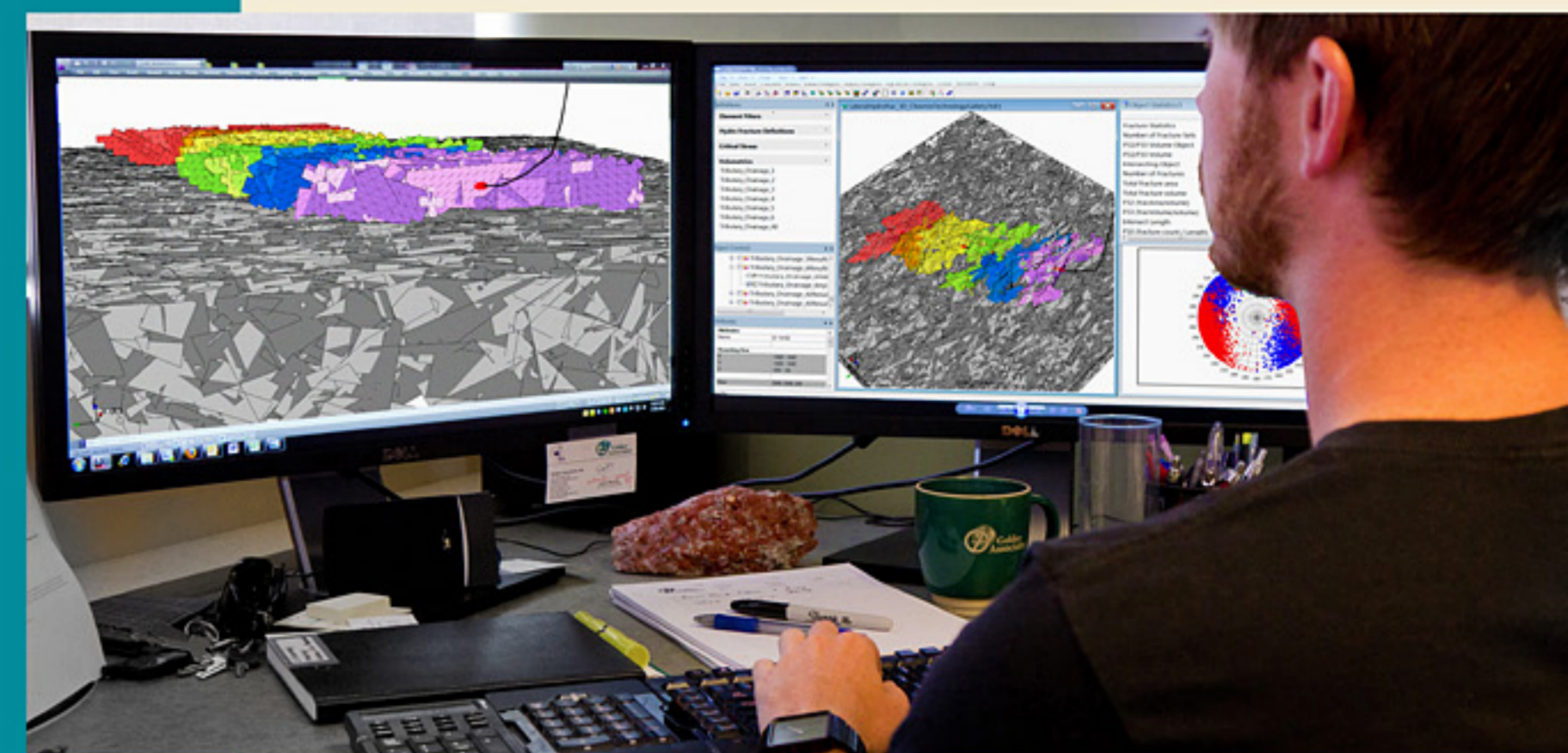
Current and Future Status

The continental shelf of BC holds significant petroleum and natural gas deposits in the Queen Charlotte, Winona, Tofino and Georgia sedimentary basins (Figure 7). In 2001, the resource potential for this area was estimated at 9.8 billion barrels of oil and 25.9 trillion cubic feet of gas, of which 1.3 billion barrels of oil and 9.8 trillion cubic feet of gas were considered recoverable (Hannigan et al. 2001). These reserves have not yet been exploited as a moratorium on oil and gas drilling off the BC coast was established by the provincial government in 1959 (with a window for exploration between 1962 and 1966), followed by a federal moratorium on all offshore oil and gas activities from 1972 until the present. To date the federal government has maintained the moratorium (Government of BC 2013), and it is unlikely that it will be lifted in the near future.

THE CHALLENGE IS PROVING YOUR RESERVOIR POTENTIAL.

Our Well Testing & Characterisation Services deliver a specialist range of testing and measurement services to enable better well test design, analysis and interpretation used to prove your reservoir from exploration and appraisal to development and production. Working alongside our tool providing service company partners we are able to provide the required expertise.

- HYDRAULIC PACKER TESTS (PRODUCTION, INJECTION, SLUG/PULSE TESTS)
- HYDRAULIC FRACTURING AND JACKING (IN SITU STRESS MEASUREMENT)
- INTERFERENCE TESTS
- ANALYTICAL AND NUMERICAL DATA ANALYSIS
- PRODUCTION MECHANISM ANALYSIS
- FLOW GEOMETRY



RESERVOIR ENGINEERING

THE CHALLENGE IN INTERPRETING THE INPUTS AND SCRUTINISING THE OUTPUTS.

GOLDER SOLUTION

Golders core strength is the ability to incorporate the various technical inputs from geophysicists, geologists and petrophysicists to build a picture of the reservoir potential and predict future performance. We have experts in reservoir simulation as well as the core skills of reservoir fluid characterization and well test analysis.

- MODERN TRANSIENT PRODUCTION ANALYSIS
- DETERMINATION OF PRODUCTION MECHANISM, PERFORMANCE EVALUATION
- VOLUMETRIC ESTIMATION USING BOTH DETERMINISTIC AND PROBABILISTIC APPROACHES.
- HYDROCARBONS IN PLACE, AND UNCERTAINTY QUANTIFICATION (PROBABILISTIC METHODS)
- PVT ANALYSIS INCLUDING, FLUID PROPERTIES EVALUATION, BLACK OIL AND COMPOSITIONAL SIMULATION INPUT
- EOR (ENHANCED OIL RECOVERY)/IOR INCLUDING: PRODUCTION DIAGNOSIS, WATER WATER-FLOODING OPTIMIZATION, GAS FLOODING AND WAG INJECTION, CHEMICAL/POLYMER FLOODING
- SECTOR SIMULATION
- FULL FIELD HISTORY MATCHING AND SIMULATION

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THE NIMBA MOUNTAINS REPTILES



Green tree snake (*Philothamnus heterodermus*) found in the lowlands near Soromiatia I, displaying its threat posture.
Ce serpent (*Philothamnus heterodermus*) démontre sa position de menace. Il a été observé dans la plaine près de Soromiatia I.



West African forest gecko (*Hemidactylus fasciatus*) encountered in the Grotte de Blandé.
Un gecko de la forêt ouest-africaine (*Hemidactylus fasciatus*) habitant la Grotte de Blandé.



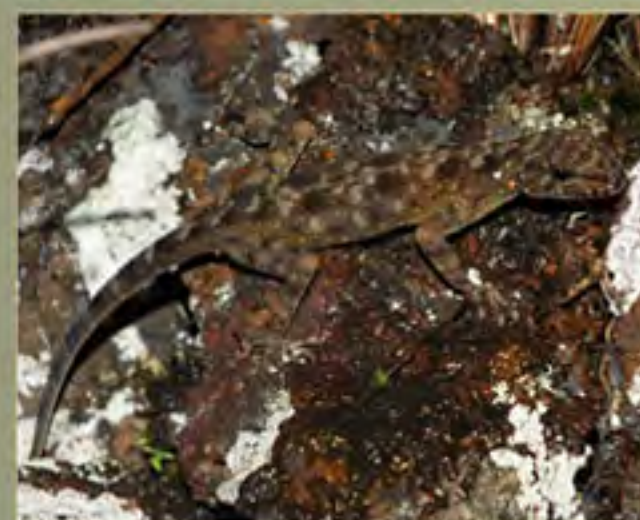
Water skinks (*Cophoscincopus greeri*) are often found around rivers, especially around the Zé pump station.
Cette espèce de scinque aquatique (*Cophoscincopus greeri*) est souvent vue près des rivières, surtout près de la station de pompage de Zé.

Forest hinge-back tortoise (*Kinixys erosa*) are listed as data deficient by the IUCN. This forest dwelling species would likely be classified as Vulnerable if re-assessed.
Selon l'IUCN la tortue articulée d'Afrique (*Kinixys erosa*) est classée comme ayant des données insuffisantes pour évaluer son statut. Cette espèce forestière serait probablement classée comme Vulnérable lors d'une réévaluation.



Burrowing asp (*Atractaspis irregularis*) found at Zéla. This snake delivers bites with small packages of venom that causes sickness and swelling for a few days but are not lethal unless multiple bites are given.

Ce serpent venimeux (*Atractaspis irregularis*) a été observé à Zéla. Il injecte de petites doses de venin au moment de la morsure qui provoquent une maladie et une enflure pendant quelques jours. Son venin n'est mortel que si l'on se fait mordre plusieurs fois.



This gecko (*Cnemaspis occidentalis*), was observed at an adit on Pierre Richard. It can be found on mountains in Guinea, Sierra Leone, and the Ivory Coast.

Ce gecko (*Cnemaspis occidentalis*), observé dans une galerie minière au mont Pierre Richard, se trouve sur les montagnes de la Guinée, de la Sierra Leone, et de la Côte d'Ivoire.

THE NIMBA MOUNTAINS SPIDERS/ARAIGNÉES



The net-casting spiders (*Araneae, Deinopidae*) possess an unusual and remarkable hunting technique. With its excellent night-vision, the spider stretches its net between its legs and projects itself onto the prey, entangling it in the web.

Les araignées des ordres *Araneae* et *Deinopidae* emploient une technique de chasse remarquable. Avec une vision nocturne excellente, l'araignée tisse une toile entre ses pattes et se projette sur sa proie pour la capturer.



The net-casting spider *Mallinella* occurs in the litter layer of lowland and montane forest. Some species, new to science, seem to be restricted to the Nimba Mountains.

L'araignée fourmi-vore (qui mange les fourmis) *Mallinella* se rencontre dans la litière des forêts montagnardes et de basse altitude. Certaines espèces nouvellement découvertes par la science, semblent se trouver uniquement aux Monts Nimba.



This big fishing spider (*Dolomedes* sp.) can be seen at night along the edge of pool or stream where they hunt.
Cette grosse araignée pêcheur (*Dolomedes* sp.) se rencontre le long des ruisseaux et des bassins où elle chasse.



Ctenus, a new species, is a big spider occurring in natural caves and mine adits above 1,000 m in elevation. This new species is only found on the Nimba Mountains and will be named *Ctenus nimba*.

La *Ctenus* est une nouvelle espèce d'araignée. Cette grosse araignée se rencontre dans les grottes naturelles et les galeries minières supérieures à 1000 m d'altitude. Cette nouvelle espèce se trouve uniquement aux Monts Nimba et portera le nom *Ctenus nimba*.

Many species of the jumping spiders (*Salticidae*) occur from the ground to the canopy. On the Nimba Mountains at least four genera are endemic.
Plusieurs espèces d'araignées sauteuses (*Salticidae*) habitent les forêts de Nimba, du sol jusqu'à la canopée. Il existe au moins quatre genres endémiques aux Monts Nimba.



Damon medius, a type of tailless whip scorpion, can be observed at night in natural caves and adits.
Le *Damon medius* est une phryne, faisant partie de la classe des arachnides sans queue. Cette espèce est observée pendant la nuit dans les grottes naturelles et les galeries minières.



Awaiting prey in the middle of their web, representatives of the genus *Gasteracantha* are probably the most beautiful spiders of the Nimba Mountains.
Les espèces du genre *Gasteracantha* sont probablement les plus belles araignées des Monts Nimba. Elles attendent leur proie au centre de leur toile.



THE NIMBA MOUNTAINS FLORA



Blotiella reducta is a fern species known to grow only at high altitude on seeping rock walls.

Blotiella reducta est une fougère qui pousse uniquement sur les parois rocheuses suintantes, à haute altitude.

Zanthoxylum and *Cyathea* in the upper Zié Valley (background photo)

Zanthoxylum et *Cyathea* dans la haute Vallée du Zié.



The orchid family is broadly represented on the Nimba Mountains across a wide range of habitats. For our studies we grow orchids in a shadehouse to bring them to flower so that identifiers can be made. Some may be new to science, like the *Polystachya* (yellow flower).

La famille des orchidées est largement représentée à Nimba parmi une large gamme d'habitats. Dans le cadre des études de Golder, elles sont élevées dans une ombrière afin de les identifier. Certaines pourraient s'avérer nouvelles à la science, comme le *Polystachya* (fleur jaune).



Impatiens nzoana ssp. *nzoana* has only been observed from a few rivers in the Nimba Mountains.

Impatiens nzoana ssp. *nzoana* n'est connu que de quelques rivières dans les forêts des Monts Nimba.



Gladiolus praecostatus is an herbaceous plant occurring in the high altitude grasslands on Nimba Mountains and only a few other mountains. During its June/July flowering period, it can be seen scattered throughout this habitat.

Gladiolus praecostatus est une herbacée rencontrée dans les savanes d'altitude des Monts Nimba et de quelques autres montagnes. Pendant la période de floraison (juin-juillet), elle peut être repérée éparpillée sur la savane.



This small bushy sub-shrub is endemic to the Nimba Mountains. *Osbeckia porteresii* grows in high altitude savanna, amongst rocks that can protect it from fire and provide some shade and moisture.



Ce petit buisson herbacé est endémique aux Monts Nimba. *Osbeckia porteresii* pousse dans les savanes d'altitude, sur les rochers qui le protègent du feu et lui fournissent de l'ombre et de l'humidité.



Cola caribifolia is a small tree occurring in low elevation forest on the Nimba Mountains and a few other sites in West Africa.

Cola caribifolia est un petit arbre que l'on retrouve dans les forêts de basse altitude des Monts Nimba et de quelques autres sites en Afrique occidentale.



Pararistolochia leonensis is a forest liana. This species has a narrow spatial distribution and only a few populations have been recorded in Sierra Leone, Guinea and Liberia.

Pararistolochia leonensis est une liane de forêt. Cette espèce possède une distribution très réduite ; elle n'est connue que de quelques populations en Sierra Leone, en Guinée et au Libéria.



The genus *Costus* consists of about 40 species in Africa, including at least 6 on the Nimba Mountains. The plant in the photo represents a species new to science discovered in the Zié Valley.

Le genre *Costus* comprend environ 40 espèces en Afrique dont au moins 6 aux Monts Nimba. La plante photographiée représente une espèce nouvelle à la science, découverte dans la vallée de Zié.

THE NIMBA MOUNTAINS AQUATIC



Electrofishing is the use of electricity to catch fish and was one of our primary collection methods. La pêche électrique consiste en l'utilisation de l'électricité pour la capture des poissons. Elle a été l'une de nos méthodes principales d'échantillonnage.



This crab species *Libinia rubiginosa* is classified as Endangered by the IUCN due to its limited distribution and the threat of on-going habitat degradation. Several individuals were recorded in the streams draining from the Nimba Mountains.

Cette espèce de crabe est classée en danger d'extinction par l'IUCN (Union Internationale pour la conservation de la nature et des ressources naturelles) en raison de sa distribution restreinte et de la menace chronique de dégradation de son habitat. Plusieurs spécimens ont été capturés dans les cours d'eau des Monts Nimba.



Clarias laietops belongs to the family of air breathing catfishes (Clariidae). These fish species have a rudimentary air breathing organ that allows them to survive out of water for long periods of time. Some even migrate overland during periods of heavy rainfall.

Clarias laietops appartient à la famille des poissons-chats qui respirent l'air (Clariidae). Ces espèces de poissons sont dotées d'un organe rudimentaire pour respirer l'air qui leur permet de vivre hors de l'eau pendant de longues périodes. Il y a certaines espèces qui peuvent même migrer par voie terrestre pendant les périodes de fortes pluies.



This insectivorous fish species (*Micralestes occidentalis*) is a member of the *Alestidae* family (African tetras).

Cette espèce de poisson insectivore (*Micralestes occidentalis*) est membre de la famille des *Alestidae* (Tétras africains).



This unknown fish species (*Hippopotamyrus* sp.) was collected only in the Barque River in the upper reaches of the Cavally River catchment.

Cette espèce de poisson (*Hippopotamyrus* sp.) est inconnue de la science. Elle a été capturée uniquement dans la rivière Barque dans le cours supérieur du bassin versant de la rivière Cavally.



This unknown species of spiny eel (*Mastacembelus* sp.) was collected at various sites in the Cavally River.

Cette espèce d'anguille épineuse (*Mastacembelus* sp.) est inconnue de la science. Elle a été capturée à divers endroits dans la rivière Cavally.



This species (*Nannocharax fasciatus*) has a wide distributional range in West Africa but DNA analysis is currently underway to verify whether the population in the upper Cavally River is the same species as elsewhere in West Africa.

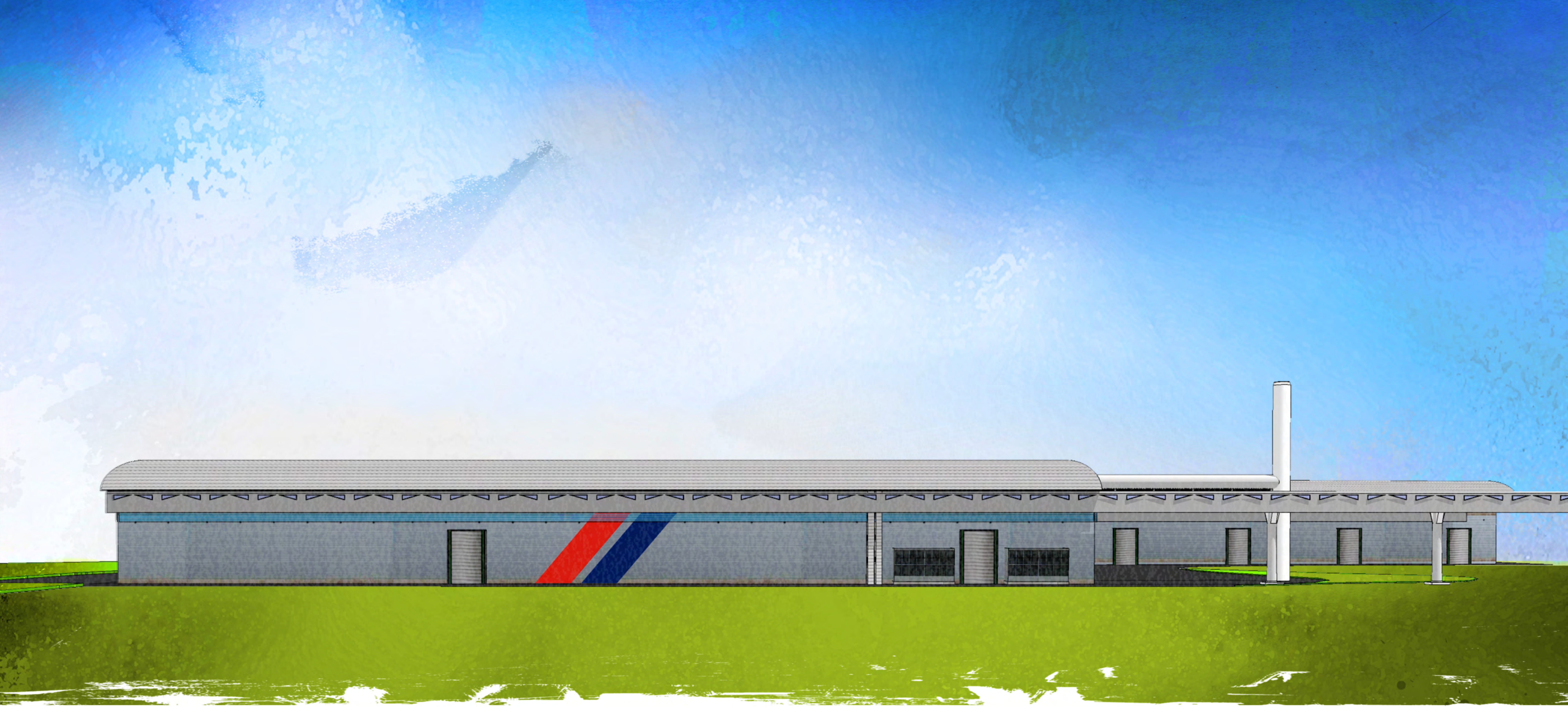
Cette espèce (*Nannocharax fasciatus*) a une large distribution en Afrique de l'Ouest, mais des analyses d'ADN sont en cours pour vérifier si la population du cours supérieur de la rivière Cavally est de la même espèce que celle des autres parties de l'Afrique de l'Ouest.



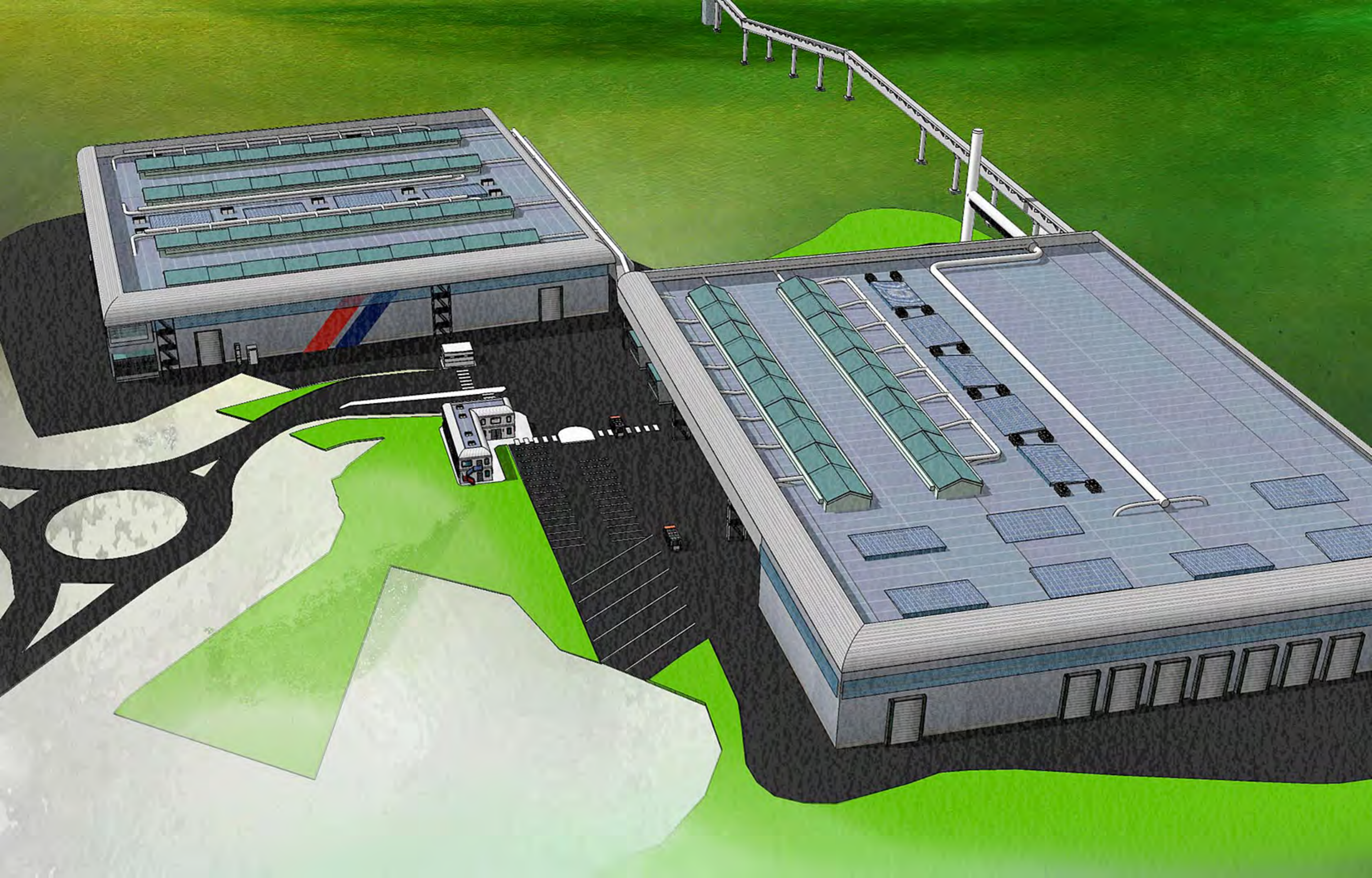
Hemichromis fasciatus is one of the most widely distributed fish species in West Africa. The red coloration on the ventral surface indicates that this is a breeding adult. *Hemichromis fasciatus* est l'une des espèces de poisson la plus largement distribuée en Afrique de l'Ouest. La couleur rouge sur la face ventrale indique que ce spécimen est un mâle adulte à l'âge de reproduction.



Considered to be sacred by some local inhabitants, *Barbus sacra* is related to the common carp and is one of the larger fish species in the streams draining from the Nimba Mountains. Cette espèce est considérée comme sacrée par certains habitants de la région. *Barbus sacra* est un proche parent de la carpe, et l'une des espèces de grande taille capturée dans les cours d'eau des Monts Nimba.











8

9

10

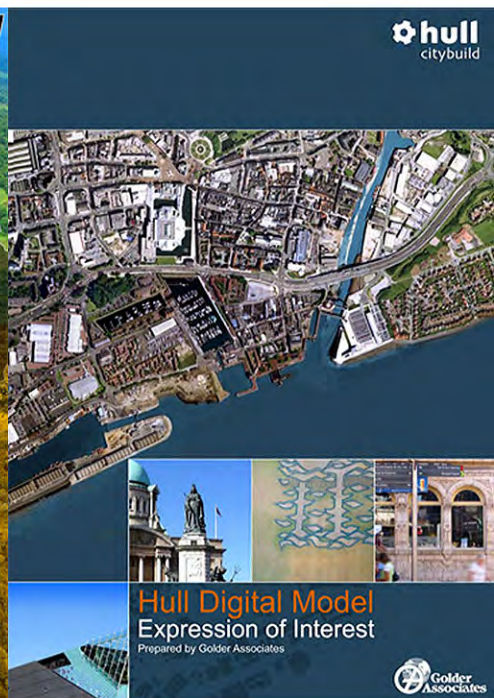
11

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15



**LANDFILL GAS
ANAEROBIC DIGESTION
BIOMETHANE**

**COMPANY
PROFILE**

Gregory Environmental Consulting Ltd (GECL) is an independent UK based consultancy with the technical knowledge and international experience to offer sound environmental solutions and pragmatic commercial advice in:

**WASTE AND RESOURCE
MANAGEMENT
RENEWABLE ENERGY
LANDFILL AFTERCARE AND
LEGACY LANDFILL MANAGEMENT**

GECL has a client focussed philosophy, and builds on its founders international reputation based on trust and long-lasting professional relationships. Project teams are built as required from an extensive network of associates, to serve our clients needs across the whole project cycle, or embedded in our clients own team to deliver specific projects in:

- < Acquisition, divestiture, and asset evaluation
- < Market sector analysis
- < Expert witness and arbitration
- < Planning and permitting
- < Design and operations
- < Compliance and risk assessment
- < Landfill aftercare and legacy landfill management

Our international clients are well recognised operators in the
**Infrastructure Investment Management,
Renewable Energy Generation and Supply,
Waste and Resource Management,
and the Cements and Aggregates sectors.**

**TECHNICAL AND
ENVIRONMENTAL
CONSULTANCY IN
LANDFILL GAS
MANAGEMENT AND
LFG TO ENERGY**

**ANAEROBIC
DIGESTION AND
BIOMETHANE
SECTORS**

AWARDS

Approximately 50% of GECLs turnover to date has been in market sector analysis, acquisition, divestiture and asset evaluation of landfill gas and anaerobic digestion/biogas and biomethane renewable energy projects. For our work, GECL has received two awards

**FINANCE MONTHLY
MERGERS AND ACQUISITIONS
AWARDS 2017
Environmental Consultancy
Adviser of the Year**

**FINANCE MONTHLY
GLOBAL AWARDS 2017
Environmental Consulting
Advisory Firm of the Year**

GECL has worked on some of the largest and technically diverse portfolios in the UK and Ireland, and has undertaken additional M&A advice in the US and Europe.



**DUE DILIGENCE
PROJECT
EXAMPLES**

**Technical and Environmental
Due Diligence:**
Support to bidder on large
AD plant receiving food waste
and producing CHP and
compressed biomethane.
Confidential Client and Target

**Technical Due Diligence and
LFG Resource Assessment:**
Support to bidder on large UK
Portfolio.
Confidential Client and Target

**Technical Due Diligence and
LFG Resource Assessment:**
Support to Vendor on
European Portfolio.
Confidential Client

**Independent Lenders
Technical Advisor:**
Support to developer,
South African LFG Portfolio.
Confidential Client



Twenty years HSE experience

Management roles as consultant and operator

[LEARN MORE](#)

Professional advice and guidance every step of the way >



What we do

Chapman Beck provides support with environmental compliance matters, based on 17 years of experience from both the perspective of the operator and the regulator.

We can help to navigate the more complex permitting challenges, or support you with on-going compliance issues.

If you'd like to learn more about how our consulting services can help you or your business grow, book an introductory meeting today.



Jo Chapman, BSc (Hons) MCIWM
Compliance Consultant





SUSTAINABLE DEVELOPMENT REPORT LIVING OUR CHARTER

operations

solutions

workplace

communities



Golder Trust
for Orphans

Improving lives through sustainable solutions

PEOPLE

WE PROVIDE OUR PEOPLE WITH
THE OPPORTUNITY TO GROW AND EXCEL

1
Productive and
thriving workplace

Lorem ipsum dolor sit amet,
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42

2
Engagement



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3
Equal opportunities
and diversity

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52



4
Training and
education

32%
57

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Lorem ipsum dolor sit amet,

5
Health and
safety



Lorem ipsum dolor sit amet,
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eros, semper vel vulputate tempor,



Productive and
Thriving Workplace

DIVERSITY

CONTENT 02

CONTENT 03



8%
of our 434 principals
were women



20%
of our 589 associates
were women





NETMAN

THE HERO OF HIS DOMAIN

impero

RRRRRRNNNN

ISSUE 4 POWER TO THE TEACHER!

JUST ANOTHER DAY IN TINA
TEACHER'S CLASSROOM !

CLASSMATHS.COM

RIGHT CLASS,
IF YOU COULD ALL LOG INTO
CLASSMATHS.COM ...

CHECK
THIS OUT!

LOOK AT
THIS!!!

WHAT'S
THAT?

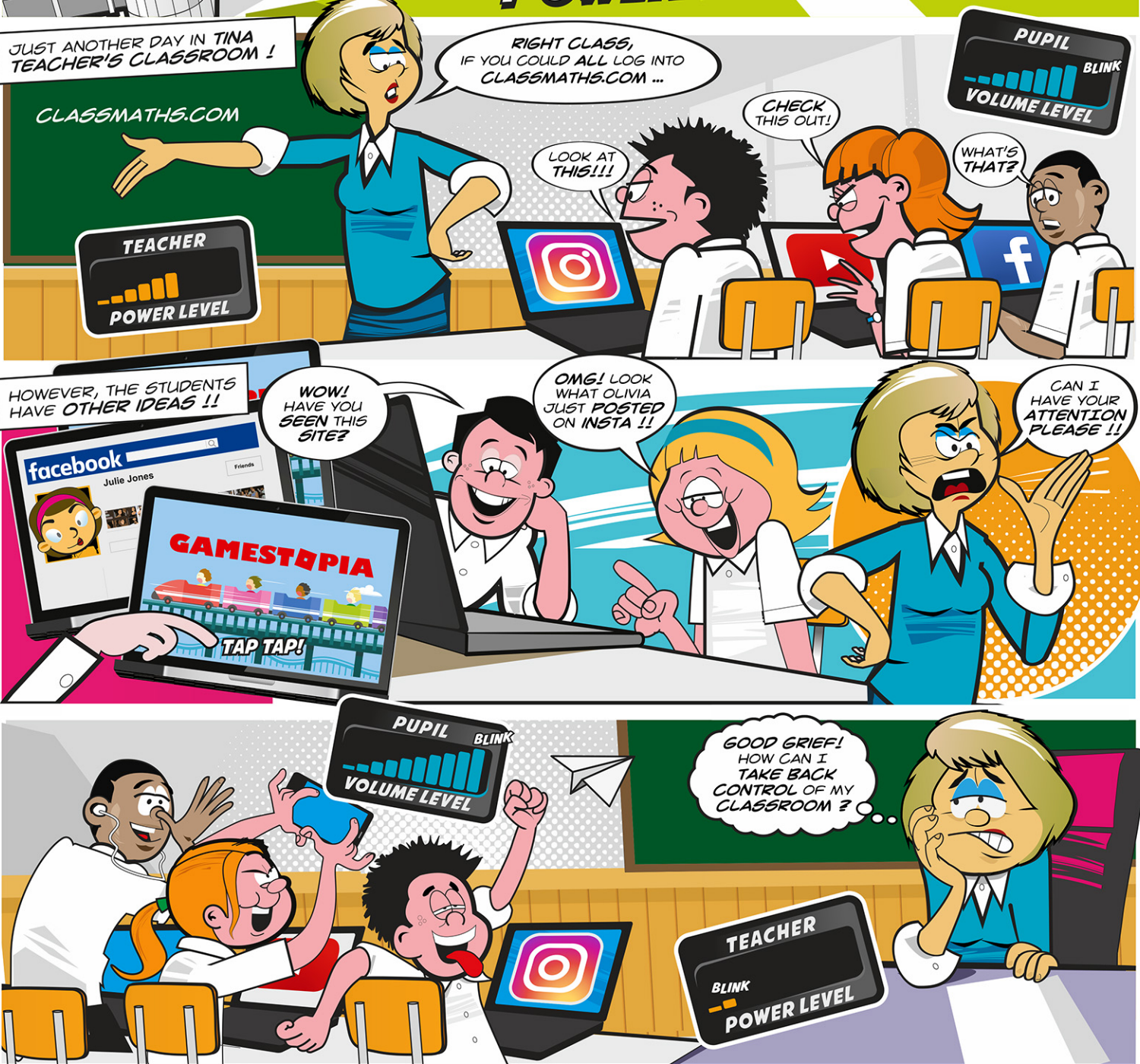
CAN I
HAVE YOUR
ATTENTION
PLEASE !!

HOWEVER, THE STUDENTS
HAVE OTHER IDEAS !!

WOW!
HAVE YOU
SEEN THIS
SITE?

OMG! LOOK
WHAT OLIVIA
JUST POSTED
ON INSTA !!

GOOD GRIEF!
HOW CAN I
TAKE BACK
CONTROL OF MY
CLASSROOM ?



DOWN IN THE NETCAVE!

KNOCK!
KNOCK!

NETMAN ?

HELP !

HELLO ?
PLEASE
COME IN !

NETMAN, I
NEED TO GET RID
OF THESE DEVICES.
THE CLASS JUST
WILL NOT STAY
ON TASK !!!

OH NETMAN!
DO YOU THINK
THAT WILL
WORK ??

LATER...

OK NETMAN,
I'M READY TO JOIN
THE WEBINAR !

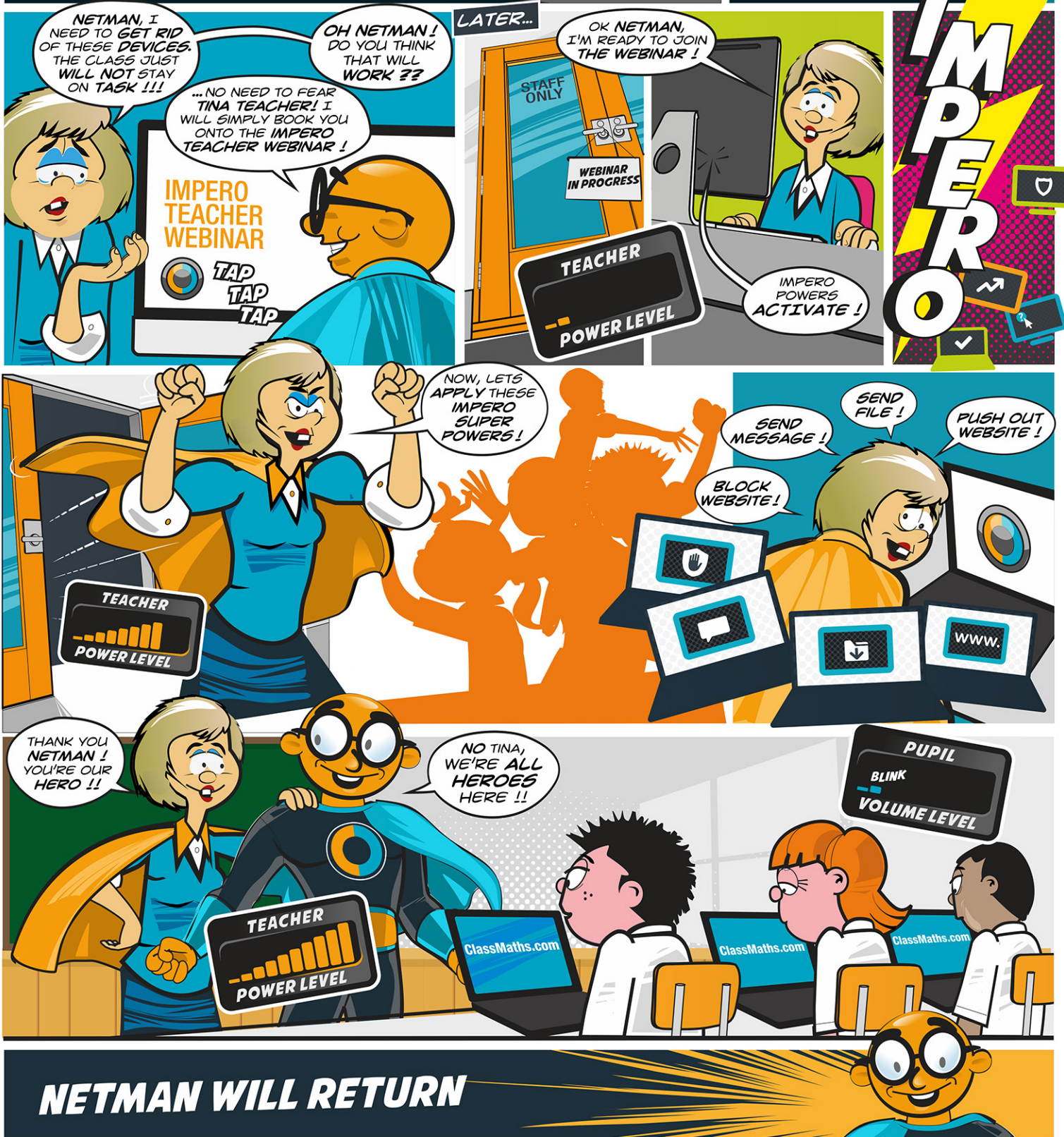
IMPERO
TEACHER
WEBINAR

TAP
TAP
TAP

TEACHER
POWER LEVEL

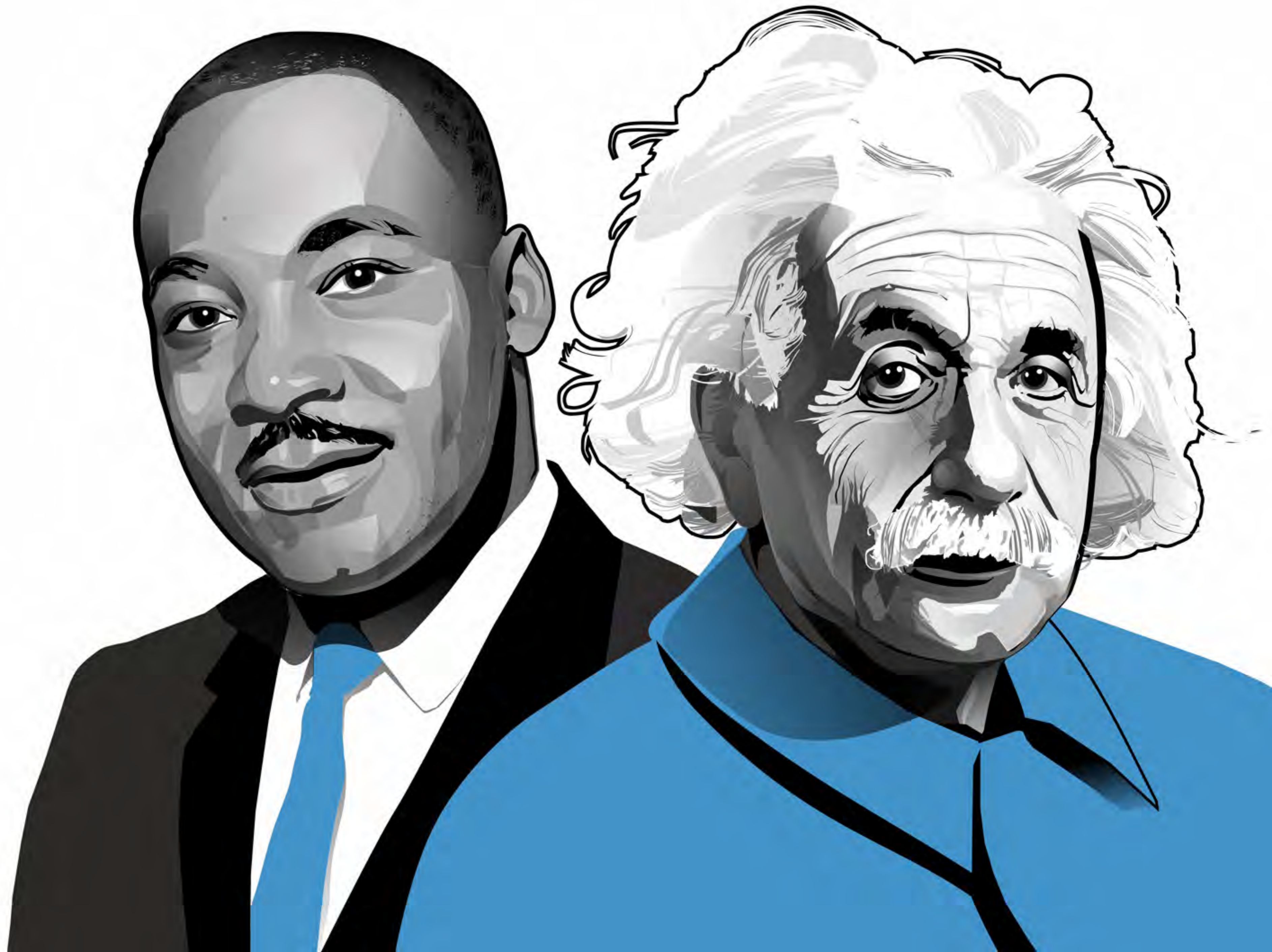
IMPERO
POWERS
ACTIVATE !

IMPERO











Lightweight composites



Innovation through inspiration.

CREATIVITY IS THINKING UP NEW THINGS. INNOVATION IS DOING NEW THINGS SMILE

INNOVATION IS THE FIRST TIME YOU SAY SOMETHING FOR THE FIRST TIME.



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We don't just think out of the box, we think about the box

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Capable includes:
CNC MACHINING
EXTENSIVE WELDING
3D PRINTING
CNC WELDING
EDGE CLOSING
FOLDING
VACUUM FORMING

SEMI FINISHED PARTS & KITS

Offering includes:
EDGE-CLOSED PANELS
TRANSFER OF TECHNOLOGY
SHELVING KITS
BODY KITS

WE CAN'T SOLVE OUR PROBLEMS WITH THE SAME THINKING WE USED WHEN WE CREATED THEM



DESIGN AND PROTOTYPE

Service includes:
CAD DESIGN
STRESS AND DEFLECTION ANALYSIS
FEASIBILITY STUDIES
GRANT AND FUNDING SUPPORT

IF YOU CAN'T RUN, THEN WALK. IF YOU CAN'T WALK, THEN CRAWL. BUT WHATEVER YOU DO YOU HAVE TO KEEP MOVING FORWARD



Stronger, Lighter, Cost-effective composites

LINING PRODUCTS

Liner VL, VT and ECONOR

New solutions to traditional materials like GFRP and Plywood

- Consistent physical properties throughout the panel
- Exceptional wear and impact resistance
- Reusable and formable with no loss of strength
- 100% Recyclable during and after processing
- Available in rolls or sheets
- Providing exceptional protection to your vehicle

SANDWICH PANELS

Maximum strength to weight ratio

- FUSED: No delamination, patented fabrication, 100% Recyclable
- WIP: Available insulated panel with optional exterior and FDA approved high impact exterior finish
- VF: High impact resistant gel coat finish, top weight EP resin skin
- FFR: FFR gel coat skins to both surfaces
- FLOORING: One piece solution for protection to drivethru loading applications



ROOF SHEETS

Liner VT

New solutions to alternatives like GFRP and Aluminium

- Reduction in solar heat transfer
- Transparent UV top skin with a PET film to enable easy bonding
- Unaffected by water humidity and chemicals
- Exceptional wear and impact resistance
- Suitable for use Thermagrip's Welding technology
- Providing exceptional protection to your vehicle

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#XTRACAPACITY

Genie®
A TEREX BRAND

GRAB SOME
XTRA ENERGY

XC XTRA
CAPACITY 



LE BLEU GENIE PASSE AU VERT



EXPLOREZ LE MONDE DES MACHINES '2 EN 1'

Découvrez tous les bénéfices de nos nouvelles technologies tout électrique, hybride et biénergie : machines non polluantes, non bruyantes, économiques en énergie et à faible coût d'utilisation en intérieur et en extérieur.

CONTRÔLE DE PUISSANCE ET GESTION ÉCONOMIQUE DE L'ÉNERGIE

Un système intelligent qui gère en temps réel la puissance nécessaire et suffisante et augmente la durée de vie des batteries.



ÉNERGIE SOUS CONTRÔLE PERMANENT

De 25 à 60% d'efficacité énergétique supplémentaire et récupération de l'énergie au freinage.



ÉCOLOGIE ET ÉCONOMIE DE FONCTIONNEMENT

Réduction des émissions et de la nuisance sonore. Consommation et coûts de maintenance réduits.



COMMENT ÇA FONCTIONNE?

Cliquez ci-dessous pour en savoir davantage sur les bénéfices de nos nouvelles sources d'énergie Genie®



LE SAVIEZ-VOUS?

Représentant dans certains cas jusqu'à 80% des ventes pour la location, le potentiel commercial des applications entre 12 et 20 m en intérieur et en extérieur est élevé. Mais sur ce segment, l'offre produits mondiale est limitée soit à des machines électriques compactes plus lourdes adaptées aux tâches en intérieur, soit à des machines diesel à traction élevée destinées aux applications en extérieur.

Voilà pourquoi Genie propose des alternatives révolutionnaires qui conjuguent les bénéfices de deux machines en une seule, faciles à utiliser, productives et rentables qui vont inciter les sociétés de location à repenser la gestion de leurs flottes.

Ecrivez-nous à
AWP-Infoeurope@terex.com

Genie
A TEREX BRAND

TAKING YOU **HIGHER**

1975

The first product to be manufactured in Umbertide is a Mixing Dumper.



1986

The first Telescopic Handler is manufactured.



1998

The Umbertide plant is acquired by Terex Corporation.



2006

Umbertide is combined into the Terex Aerial Work Platforms business segment and telehandlers are re-branded Genie blue.



2007

The plant expands production to include Genie® Z™-45/25 J RT and Z-51/30 J RT articulating boom lifts, increasing delivery and spare parts availability for our EMEAR customers.



2012

The Genie Z™-45/25 J DC articulating boom lift is added to the Z boom range.



2014

Production launch of the Genie® Z™-33/18, a lightweight electric articulating boom. Inauguration of the first EMEAR demo and training test area in Umbertide.



2015

The plant starts manufacturing one of the best-selling Genie telescopic boom lifts in Europe, the S™-65 model range.



The Z-45/25 Bi Energy model also adds onto the 45" articulating booms model range.

2016

The Z-62/40 diesel articulating boom is added to the Z boom production line.



2017

The plant expands production to articulating boom lift Genie Z-45XC, first model of the Xtra Capacity™ range.

Manufacturing of telescopic boom lifts also adds on the S™-65 Trax model.



Future

In the years to come more Genie models will be added to the Umbertide product portfolio, for an increased responsiveness to the inventory needs of our EMEAR customer base.



Genie
A TEREX BRAND

Umbertide factory story

TEREX
CORPORATION

GENIE SAFETY ACCESSORIES

LIFT^GUARD™

OPERATOR FALL ARREST BAR

- ▶ Allows a user to exit the platform and work comfortably outside of the platform with a 1.83 m (6 ft) shock absorbing lanyard
- ▶ Available for either 1.83 m (6 ft) or 2.44 m (8 ft) platforms and quickly attaches on to nearly all Genie boom lifts

CONTACT ALARM

- ▶ Designed to alert ground personnel when an operator makes contact with the platform control panel
- ▶ The system interrupts boom movement, sounds an alarm and causes a light to flash

NOW STANDARD

OPERATOR PROTECTIVE STRUCTURE

- ▶ Secondary protection for operators in the event of contact with an overhead obstacle in certain applications
- ▶ The device can be attached to boom lifts with a 2.44 m (8 ft) platform and allows excellent visibility

LEARN MORE AT GENIELIFT.COM