



CLIMATE CHANGE
& IP GROUP



Climate Change is no longer a buzz word, it's a worldwide and daily reality we cannot ignore. Regulations on global warming are quickly reshaping the business and IP landscape. As one of the first firms to practice IP with Climate Change, Rouse is at the forefront of this emerging area.

Our multi-disciplinary team is composed of Climate Change attorney, patent agent and engineer in energy and waste management.

We help our clients navigate the evolving world of Climate Change legislation and unlock opportunities in a fast increasingly carbon-constrained economy by focusing on six major aspects of Climate Change.

CLIMATE CHANGE & PRACTICE

Carbon Innovation

We map, protect, help the commercialisation and enforce Environmental Sound Technologies (ESTs) around the world.

Carbon Branding

We evaluate the compliance of our clients' green credentials and marketing claims with Climate Change legislations.

Carbon Finance

We assist our clients with Greenhouse Gas (GHG) emissions calculation, reporting and offsetting through voluntary and mandatory Emission Trading Systems.

Carbon Litigation

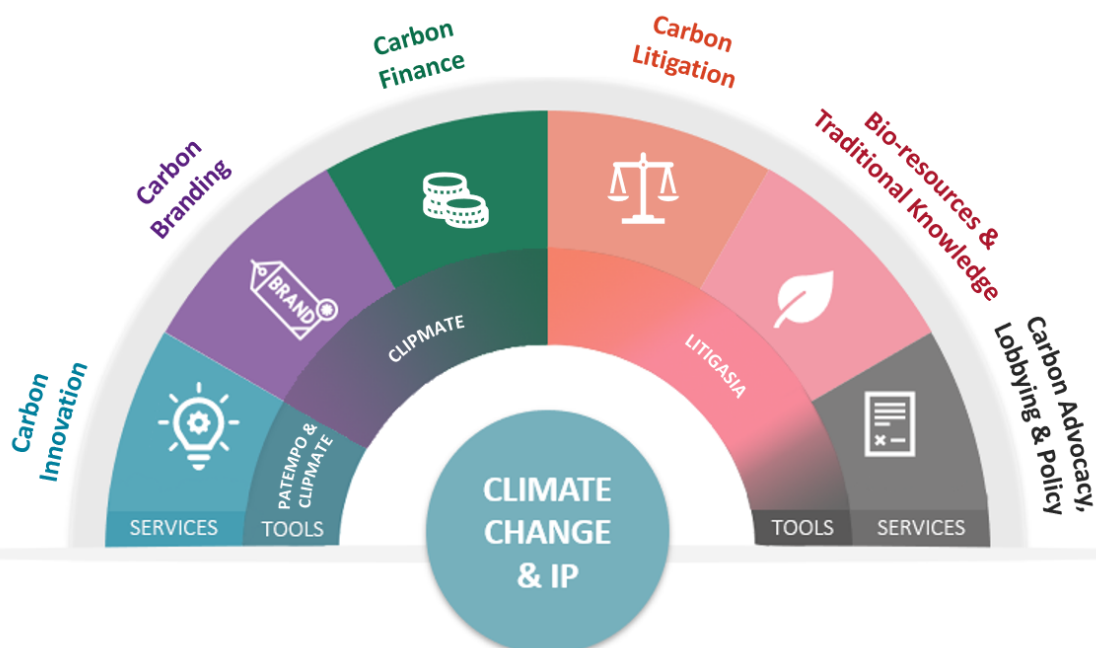
We represent clients in Climate Change lawsuits involving tort, technologies, human rights, negligence, public trust claims etc.

Bioresources & Traditional Knowledge

We represent African, Asian, European and Latin American organizations in protecting and enforcing their bio-resources against biopiracy as well as protect and defend geographical indications against misuses.

Carbon Advocacy, Lobbying & Policy

We closely cooperate with international organizations on Climate Change & IP and contribute to shape policy in those areas.



CARBON INNOVATION

Protection of Environmental Sound Technologies (ESTs)

We draft, prosecute and enforce ESTs patents, including clean energy and carbon capture enablers, smart grids and other Climate Change adaptation and mitigation technologies to reduce Greenhouse Gas (GHG) emissions. We have developed prosecution strategies to expedite the examination and grant of ESTs patents using PPH, YO2 classification and other national green tech classes. Our software **Patempo™** allows our clients to estimate the pendency and granting date of their patents to better prepare for the commercialization and, if needed, the enforcement of their patents.

ESTs' landscape

We advise on how ESTs' space is developing, and the composition of industry players evolve. ESTs are at different stages of maturity; wind energy is one of the most established sectors for Renewable Energy with the highest IP ownership concentration, and largest volume of granted patents. Comparatively, the biomass patenting space is characterized by a relatively low IP ownership concentration. Our landscape reports support both commercial decision-making and the formulation of effective R&D strategies.

ESTs valuation & due diligence

In the context of Climate Change new significant types of risk arise, such as physical risk, regulatory risk and risk of reputation. Relevant studies have shown that depending on the sector climate risks will affect the value of assets up to double-digit percentage. We have created **CLIPMATE™**, the world's first software to calculate Greenhouse Gas (GHG) emissions of technologies and brands. It allows users to calculate GHG emissions of IPRs and IP strategies and identifies options that provide the lowest carbon footprint and include the Climate Change impact of technologies in their valuation.

ESTs collaboration and transfers

We handle the negotiation and drafting of hard and soft licensing agreements involving ESTs with particular experience in solar thermal, coating, resilience of glass material, energy storage technology integration, PV systems, nano-materials, offshore wind innovations.

Clearinghouses, patent pools

We assist matching technology holders with those in need of the technologies while ensuring a fair economic return and sustainable objectives. We closely cooperate with various clearinghouses platforms such as the Renewable Energy and Energy Efficiency Partnerships (REEEP), Green Climate Fund (GCF), Climate Ledger Initiative (CLI), CLIMATE TRADE, WIPO Green etc.

Anti-competitive practice and Compulsory Licensing

The use of Compulsory Licensing (CL) has been exercised around the world targeting especially patents for drugs and more recently air pollution control devices. Our firm has advised numerous patent holders in responding to governments' attempts to impose CL on their patents and negotiating royalty schemes.

CLIPMATE™

The world's first calculator of Greenhouse Gas (GHG) emissions enabling IP Offices, organizations, companies, law firms to calculate, reduce and offset their GHG emissions incurred in protecting and enforcing IPRs worldwide.

[See more here](#)

CARBON BRANDING

Carbon Certification, labeling, green credentials and Sustainability Standards

We evaluate the compliance of our clients' green credentials, Climate Change objectives and environmental marketing claims with national and international legislations on Climate Change and advice on necessary changes.

Smart information & supply chain, trace mark

We assist clients in developing traceability and disclosure of GHG emissions of their products and supply chain, both voluntary and mandatory transparency schemes.

Green washing and consumer protection

Eco-friendly products have an edge in our eco-conscious society. Nonetheless consumers are becoming skeptical of these eco-friendly product claims, prompting environmental and consumer rights groups to take steps to expose misleading claims. We offer clients compliance advice as well as representation before Consumer Offices.

Brands' valuation & due diligence

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CARBON LITIGATION

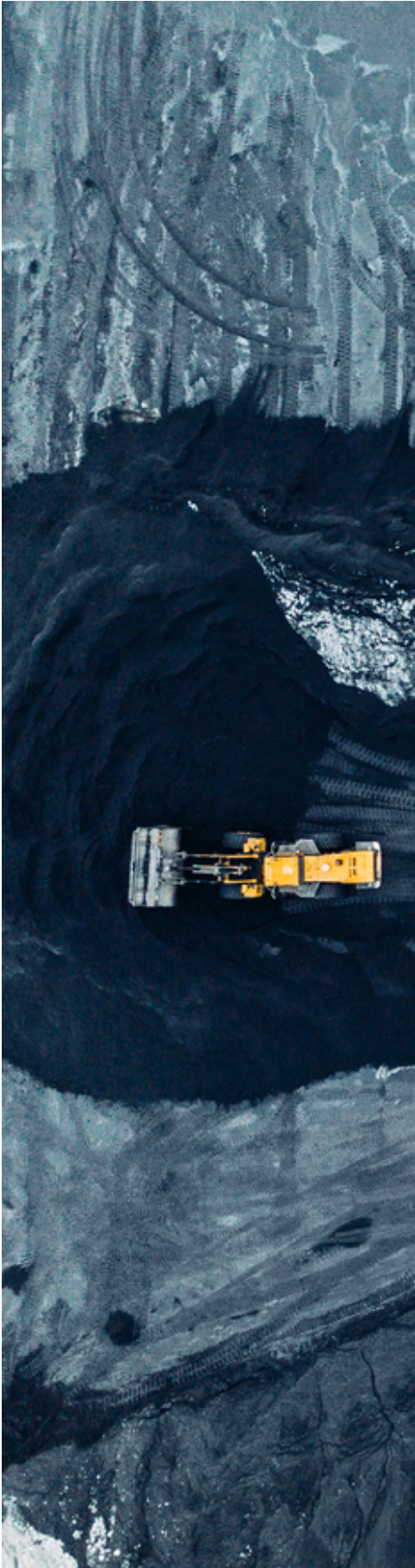
Governance and duties

We assist our clients in developing a proactive stance on governance of Climate Change companies and directors' duties of due care, diligence in the best interests of the companies and their shareholders.

Companies and directors Liability for Climate Change

Climate Change litigation is fast growing globally and encompasses more than 1,200 claims across 30 countries. In the next few years we would expect to see greater growth in climate litigation in Asia Pacific. We have taken a lead role in Climate Change lawsuits especially in South-East Asia involving tort cases, human rights, negligence, public trust claims.





CARBON FINANCE

Carbon reporting

We assist our clients with Greenhouse Gas (GHG) emissions reporting requirements. Our firm is experienced in the myriad of reporting systems, voluntary or mandatory, carbon footprint calculation for smart city and organization, and issues associated with Corporate Social Responsibility (CSR) disclosure.

Carbon accounting, benchmarking and offsetting

We assist our clients in accounting and offsetting the carbon impact of their activities focusing on where to improve and benchmarking the results against competitors.

Climate funding

We help identifying and preparing applications to funding programs from a wide variety of sources including international climate funds (e.g. Climate Investment Funds, Green Energy Fund, Green Climate Fund) and multilateral development banks (e.g. World Bank, Asian Development Bank) to finance clients' ESTs based projects.

Carbon market mechanisms

We provide advisory on preparation to carbon market mechanism including crediting mechanisms and emission trading systems regulation by providing understanding of the market dynamics, carbon pricing, and the regulatory framework in relation with the operations.

BIO-RESOURCES & TRADITIONAL KNOWLEDGE

Bioprospecting and bio-piracy

Climate Change has emerged as a major issue in the context of biodiversity and endangered species. As Climate Change law continues to develop, it is likely to trigger more numerous and complex biodiversity issues related to project development. Our team counsels a wide range of government entities and businesses on species-related regulations and regularly advises clients on the implications of projects potentially impacting the habitats of listed species. Our team is experienced in the negotiation of complex habitat conservation plans and biological opinions necessary to protect clients from liability while ensuring the successful completion of projects.

Geographical indications and Climate Change

We handle a wide range of geographical indications work for African, Asian, European and Latin American organizations and advise on the effects of Climate Change on the production method, geographical area, soil condition and other human and natural factors.



CARBON ADVOCACY, LOBBYING & POLICY

The Climate Change Litigation Initiative (C2LI)

The Climate Change Litigation Initiative (C2LI) reviews Climate Change litigation in over 30 countries using a scenario-based methodology. The initiative focuses not only on countries where litigation exists, but also on countries with little or no litigation. C2LI is led by **Strathclyde Centre for Environmental Law and Governance (SCELG)**, the **University of Geneva Law School** and the **National University of Singapore Asia Pacific Centre for Environmental Law**. C2LI has started in the framework of the 2018 biannual Conference of the International Academy of Comparative Law and has now grown in a long-term initiative aimed at contributing to the discourse on Climate Change litigation and providing policy relevant tools to policy makers and wider stakeholders. Our firm is C2LI's exclusive partner for Asia and focuses on Climate Change litigation in that region.

United Nations Industrial Development Organization

On 9 October 2019 Rouse was appointed by the Private Financing Advisory Network of the **United Nations Industrial Development Organization (UNIDO)** and The **Renewable Energy and Energy Efficiency Partnership (REEEP)** as a Network Partner for Africa and Asia. Our mission will primarily consist in providing consultancy in the fields of climate law, Intellectual Property, EST transfer and diffusion under the Paris Agreement of 2015 on Climate Change on projects PFAN and UNIDO approved projects. This appointment is the recognition of our firm's know-how and experience in the area of Climate Change and technologies.

Academy of Environmental Law, IUCN

The IUCN Academy of Environmental Law is an international network of approximately 200 environmental law faculties and research centres from 60 countries. Our firm regularly present a research paper on Climate Change developments at IUCN annual conference.

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