# E-Business Final Presentation

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# Introduction: Comparative Analysis of Vega Innovations vs. Competitors

This analysis compares Vega Innovations with key competitors in the electric vehicle market.

#### **Primary Selection: Vega Innovations**

Vega Innovations specializes in electric vehicles, offering high-performance electric cars, luxury and design-focused models, and sustainable, eco-friendly vehicles.

#### **Competitor Comparison**

- Lucid Motors: Specializes in luxury electric vehicles, offers the Lucid Air, a luxury sedan known for its long-range battery and high-end interiors.
- 2. **Rimac:** Focuses on high-performance electric hypercars, with their Rimac C\_Two model excelling in exceptional acceleration and innovative technology.
- 3. **Fisker:** Targets the sustainable electric vehicle market with the Fisker Ocean, an affordable SUV that combines stylish design with eco-friendly materials.

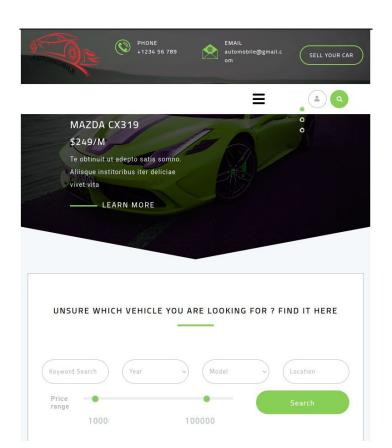
#### **Tech-Stack Selection**

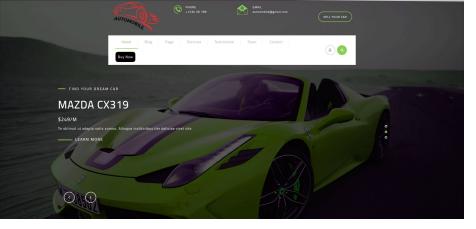
#### Technologies Considered:

- NextJS
- Joomla
- WordPress

#### Chosen Technology: WordPress

- Fastest development to production time
- Up-to-date plugins
- Active developer ecosystem

















West Palm Beach, Florida

Car dealer:

https://www.gorillathemes.com/wordpress/car-dealer-deluxe/go/2187/

WP-Automotive:

https://www.vwthemes.com/products/automotive-wordpress-theme/

Automotive:

https://www.gorillathemes.com/wordpress/automotive-car-dealership-wordpress-theme/go/2187/



# Plugin Comparison

#### **SEO Plugins**

- Keyword optimization
- Content optimization
- Ease of use
- Price

Yoast SEO

All In One SEO

Rankmath

- Yoast SEO and AIOSEO provide similar features
- Yoast is cheap compared to AIOSEO
- Rankmath has more features, but Yoast has a WooCommerce addon

#### **Security Plugins**

- Web Application Firewall (WAF)
- Multi Factor Authentication
- Malware scanner
- WAF hosting

Wordfence

Sucuri

- Both Sucuri and Wordfence has similar features, but Sucuri has "Website hardening" additional feature
- Sucuri is a cloud firewall, hence reliance on a third party

# Themes and Plugins

#### Selected Theme: WP-Automotive

- A theme suitable for automotive
- Handles only the design, not other aspects like inventory
- Responsive design for all devices







#### **Selected Plugins**

- YOAST SEO Premium
  - 5 keywords per page
  - Automatic redirects without 404
  - Al Optimized titles
- WP-Hide
  - Conceals WordPress usage
- Wordfence
  - Web application firewall
- MonsterInsights
  - Google Analytics integration
- WooCommerce
  - Ecommerce Plugin

# Analytic Tool Comparison

# Analytics tools Al Prediction capabilities Metric accuracy E-Commerce metrics Google Analytics (GA) Open Web Analytics (OWA) GA out performs OWA at each evaluation point, hence GA is selected

# Analytics Integration

#### Chosen Analytics Tool:

- Google Analytics
- Benefits: Cutting-edge AI prediction, reliability

#### Capabilities of Google Analytics:

- Visitor numbers
- Page views
- Session duration
- Bounce rate
- Conversion tracking (purchases, form submissions, sign-ups)
- E-commerce tracking (product performance, sales data, shopping behavior)

#### Integration with WordPress:

- Using MonsterInsights Pro
- E-commerce performance tracking
- Detailed insights with Google metrics
- Better ratings and features compared to free plugins
- Superior GDPR compliance

# Content Delivery and Security

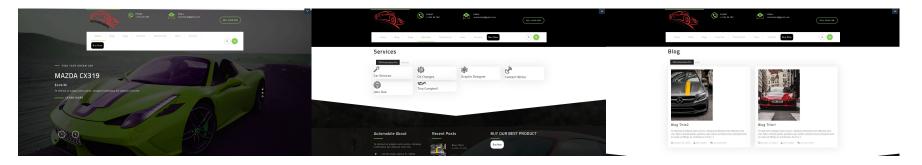
#### Content Delivery:

- Global Reach: Efficient web page delivery worldwide.
- Image Optimization:
  - Using SMUSH Pro for cutting-edge optimization.
  - High bandwidth image CDN.
- Hosting:
  - Cloud Server Hosting (VPS): Superior security and performance.
  - Coupled with Bunny CDN for global content distribution.

#### Site Security:

- Security Measures:
  - WP-Hide to obscure WordPress usage.
  - Wordfence for protection against web attacks (SQLi, XSS, SSRF, XXE, etc.).
  - Disable xmlrpc if not required.
- Login Security:
  - 2-Factor Authentication with app authenticators (e.g., Google Authenticator).
- Traffic Encryption:
  - SSL/TLS 1.3 technology with "Let's Encrypt"
- Payment Security:
  - Stripe integration with WooCommerce.
- Regular data backups and disaster recovery system.
- Compliance:
  - Adherence to GDPR for customer data storage.

### **Effective CTA**



- Increase "Buy Now" button size
- Highlight the "Learn More"

Add "Get a Quote" button

Add "Read More" button

# Comprehensive SEO Strategy for Automotive Websites

#### Key goals:

- Increase visibility
- Improve rankings
- Drive organic traffic



# Keyword Research & On-Page SEO

#### Keyword Research:

- Tools: Google Keyword Planner, SEMrush, Ahrefs.
- Identify main and long-tail keywords.



#### On-Page SEO:

- Title Tags & Meta Descriptions: Dynamic, keyword-rich.
- Headers: Optimize keywords in H1, H2, H3.
- Content Optimization: Primary and secondary keywords, maintain 1-2% density.
- Media Optimization: Descriptive file names, optimized alt tags, image compression via SMUSH Pro.

### Technical SEO & Content Optimization

#### Technical SEO:

- Clean URL Structure: Concise, descriptive.
- Site Speed: Use VPS hosting, minimize HTTP requests, regular speed checks with Google Page Speed Insights.
- Mobile-Friendliness: Ensure responsive design.
- Sitemap & Robots.txt: Generate XML sitemaps, use SSL/TLS certificates.

#### Content Optimization:

- Content Calendar: Organize blogging, updates.
- Blogging: Quality, engaging posts.
- Product Descriptions: Detailed, keyword-rich.
- Internal Linking: Easier navigation, link equity distribution.

# Link Building & Analytics

#### Link Building:

 Strategies: Guest posts, shareable infographics and videos, influencer outreach, local directory listings, competitor backlink analysis.

#### Analytics and Reporting:

- Tools: Monster Insights Pro for Google Analytics.
- Metrics: Monitor organic traffic, keyword rankings, bounce rate, conversion rates.
- Reporting: Routine SEO reports, identify improvement areas.



#### **Email Marketing Strategy for Vega Innovation**

#### **Email List Building**

#### **Sign-up Forms:**

- Placement: High-traffic pages (home, blog, product pages)
- o Tools: OptinMonster, Sumo, Mailchimp
- Best Practices: Simple forms, incentives (discounts, exclusive content)

#### **Lead Magnets:**

- Examples: E-books, whitepapers, webinars, discount codes
- o Promotion: Blog posts, social media, paid ads

#### **Landing Pages:**

- o Tools: Unbounce, Leadpages, Instapage
- o Best Practices: Clear value propositions, strong visuals, persuasive CTAs



#### Email Marketing Strategy for Vega Innovation

#### **Email Campaigns**

#### **Campaign Planning:**

- Goals: Product announcements, promotions, educational content 0
- Tools: Mailchimp, Sendinblue, Constant Contact
- Personalization: Dynamic content, personalization tokens

#### **Campaign Types:**

- Newsletters: Updates on company news, industry trends, product info 0
- Promotional Emails: Time-sensitive offers, discounts, exclusive deals
- Educational Content: Tips, how-to guides, use cases 0



#### Email Automation, Segmentation, and Analytics

#### **Automation**

#### **Welcome Series:**

- Tools: Mailchimp, HubSpot, Drip
- Best Practices: Warm welcome, brand story, product highlights, first purchase incentives

#### **Abandoned Cart Emails:**

- Integration: Shopify, WooCommerce
- Best Practices: Series of reminders, offer incentives, product images/descriptions

#### **Triggered Emails:**

Examples: Re-engagement campaigns, product recommendations





#### Email Automation, Segmentation, and Analytics

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#### Segmentation

#### **Demographic Segmentation:**

- o Tools: CRM, email platform segmentation
- Implementation: Tailor content and offers by demographic group

#### **Behavioral Segmentation:**

- Tools: Google Analytics, CRM, email platforms
- o Implementation: Target campaigns for frequent buyers, inactive users, high-engagement subscribers

#### **Interest-Based Segmentation:**

- Tools: Sign-up forms, preference centers, engagement metrics
- Implementation: Customize content to match subscriber interests



#### Email Automation, Segmentation, and Analytics

#### **Analytics**

#### **Key Metrics:**

- Metrics: Open rates, click-through rates, conversion rates, bounce rates, unsubscribe rates
- Tools: Email platform analytics, Google Analytics

#### A/B Testing:

- Tools: Email platform A/B testing features
- Implementation: Test subject lines, content, send times

#### Reporting:

- Tools: Email platform reporting, BI tools (Tableau, Power BI)
- Best Practices: Share insights, identify areas for improvement, adjust strategies



# Paid Advertisements for Automotive Marketing Success



# Why Should We Do This to Develop the Marketing?

#### Immediate Visibility:

- Instant visibility
- Quick traffic drive to the website

#### • Targeted Reach:

- Sophisticated targeting options
- Specific demographics, interests, and behaviors

#### Scalability:

- Scalable campaigns
- Increasing budget based on performance

#### Measurable Results:

- Detailed analytics and performance metrics
- Real-time strategy adjustments

Competitive Edge:

Standing out in competitive industries

### Benefits to the business

- Increased Website Traffic:
  - Driving targeted traffic
- Enhanced Brand Awareness:
  - Increased brand visibility
- Higher Conversion Rates:
  - Targeted ads leading to higher conversions

- Market Insights:
  - Customer behavior and preferences insights
- Revenue Growth:
  - Tangible return on investment through sales

# How to achieve our goal

#### Budget Planning:

Set a clear budget and allocate across platforms

#### Ad Creation:

Develop compelling ad copy and visuals

#### Precise Targeting:

Demographic, interest, and retargeting strategies

#### Tracking and Analytics:

 Use tools like Google Analytics and Facebook Pixel

#### A/B Testing:

 Test variations and optimize based on results

# Types of paid advertising

#### Search Engine Advertising (PPC)

Google Ads, Bing Ads

#### Display Advertising

 Google Display Network, AdRoll, Media.net

#### Social Media Advertising

 Facebook, Instagram, Twitter, LinkedIn, Snapchat, TikTok, Pinterest

#### Native Advertising

Taboola, Outbrain, Nativo, Yahoo Gemini

#### Video Advertising

YouTube, Facebook Video, TikTok, Hulu

#### Affiliate Marketing

 Amazon Associates, ShareASale, CJ Affiliate, Rakuten Marketing

#### Influencer Marketing

 Instagram, YouTube, TikTok, Twitter (AspireIQ, Influencity)

#### Remarketing/Retargeting

Google Ads, Facebook Ads, AdRoll

#### Programmatic Advertising

 Google Display Network, The Trade Desk, MediaMath

#### Sponsored Content

BuzzFeed, The New York Times, Medium

# Paid advertising platforms

- Google Ads
  - Search, Display, Video, Shopping, App promotion
- Bing Ads (Microsoft Advertising)
  - · Search, Display
- Facebook Ads
  - Image, Video, Carousel, Collection, Stories
- Instagram Ads
  - Image, Video, Carousel, Stories, Explore
- Twitter Ads
  - Promoted Tweets, Accounts, Trends
- Spotify Ads
  - Audio, Video, Display, Sponsored Playlists
- Reddit Ads
  - · Promoted Posts, Display

- LinkedIn Ads
  - · Sponsored Content, InMail, Text, Dynamic
- Pinterest Ads
  - · Promoted Pins, Video Pins, Shopping
- Snapchat Ads
  - Snap Ads, Collection, Story, Filters, Lenses
- TikTok Ads
  - In-Feed Ads, Hashtag Challenges, Effects
- YouTube Ads
  - Skippable, Non-Skippable, Bumper, Sponsored Cards, Overlay
- Amazon Advertising
  - Sponsored Products, Brands, Display, Video

# Comparison

Aspect	Rimac Automabile	Lucid Motors	Fisker Inc.
Budget Planning	Allocates budget to Google Ads and social media	Uses budget across multiple platforms, including LinkedIn and YouTube	Focuses on social media and search engine marketing
Ad Creation	Utilizes high-quality visuals and engaging content	Focuses on innovative technology and luxury experience	Emphasizes sustainability and innovative design
Targeting	Targets car enthusiasts, high-net- worth individuals, and tech-savvy consumers	Targets luxury car buyers, technology enthusiasts, and professionals	Targets environmentally conscious consumers and early adopters
Tracking & analytics	Likely uses sophisticated tracking mechanisms	Likely employs comprehensive tracking mechanisms	Likely employs comprehensive tracking mechanisms
A/B Testing	Regularly tests different ad variations	Regularly tests different ad variations	Regularly tests different ad variations

# Suggestions

- Allocate Budget to Google Ads and Social Media
- •Google Ads allow targeted advertising based on keywords and user intent, while social media platforms like Facebook and Instagram offer extensive audience targeting options.
- Develop Compelling Ad Creatives
- Utilize Multi-Channel Campaigns
- •Launch campaigns that span Google Ads, social media, email marketing, and other digital channels to maximize visibility and engagement.
- Leverage Multiple Media Formats
- video ads, carousel ads, image ads

# **Social Media Marketing**

- Increase brand awareness
- Engage with the target
- Audience Drive traffic to the website
- Boost sales



### **Platform Selection**

#### **Choose the Right Platforms:**

Facebook: For a broad, diverse audience

Instagram: For visual content and high engagement

LinkedIn : For professional networking and B2B opportunities

Youtube : For video content and broad reach

Twitter : For real-time updates and industry news

#### Why These Platforms?

- Large user bases
- Strong engagement potential
- Alignment with our target audience demographics









# Why Use These Platforms?

Social Traffic Insights from SimilarWeb

(Social Traffic Comparison: Rimac Automobili, Lucid Motors, Fisker Inc)



These companies successfully use multiple social platforms to drive traffic. Adopting a similar strategy can enhance our reach and engagement.

#### **Content Calendar**

#### **Consistent Posting:**

- Develop a schedule for regular posts
- Mix of content types: images, videos, articles, infographics
- Maintain thematic consistency with brand voice

#### **Tools for Success:**

- Hootsuite/Buffer: Plan and schedule posts
- Canva/Adobe Spark: Create engaging visuals
- WordPress/Joomla: Integrate and publish blog content



# Planning Calendar for Vega Motors' Social Media Launch

Platform	Content Type	Topic	Details	Engagement Tactic
Facebook	Image	Brand Introduction	"Welcome to Vega Motors! Discover our innovations."	"Like if you're excited!"
Instagram	Video	Behind the Scenes	"Tour our production facility."	"Watch the full video!"
Twitter	Text Post	Industry Insights	"Did you know? EVs reduce emissions by"	"Retweet if you agree!"
LinkedIn	Blog Post	Company Vision and Mission	"Read about our vision for a sustainable future."	"Share your thoughts!"
YouTube	Video	CEO Interview	"Exclusive interview with our CEO on the future of EVs."	"Subscribe for more updates!"

# **Engagement and Interaction Strategies**

Strategy	Lucid Motors	Rimac	Fisker Inc.	Improvement for Our Site
Monitor and Respond to Comments	Actively engages but could improve speed	Regularly monitors but occasional delays	Focuses on prompt interaction	Ensure real-time monitoring and quick responses
Participate in Relevant Groups	Participates but could be more active	Creates groups but needs consistent activity	Engages in groups but limited interactions	Be highly active and contribute valuable insights regularly
Use Polls, Q&A, Live Videos	Hosts sessions but not frequently	Uses live videos but could increase frequency	Implements sessions but lacks variety	Schedule regular interactive content sessions
Sprout Social for Interaction Management	Uses effectively but could track more metrics	Leverages tool but needs better utilization	Utilizes tool but could streamline more	Fully utilize Sprout Social to track detailed metrics and optimize engagement

# **Influencer Partnerships**

#### **Expand Reach with Influencers:**

- Identify influencers aligned with our brand
- Plan collaborations (sponsored posts, reviews, giveaways)
- Formalize agreements and expectations



#### **Maximize Impact:**

- Upfluence/AspireIQ: Find and manage influencer partnerships
- UTM Parameters: Track campaign performance

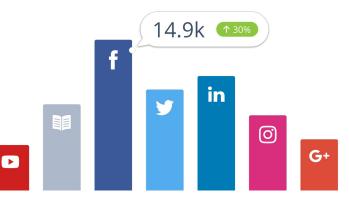
# **Analytics**

#### **Measure Success:**

- Track key metrics: reach, engagement, conversions, ROI
- Use data insights to refine strategies
- Generate detailed performance reports

#### **Tools for Insight:**

- Sprout Social
- Hootsuite Analytics
- Google Analytics: Monitor performance
- Tableau/Google Data Studio: Create insightful reports



# **Content Marketing Plan**

Why Content Marketing?

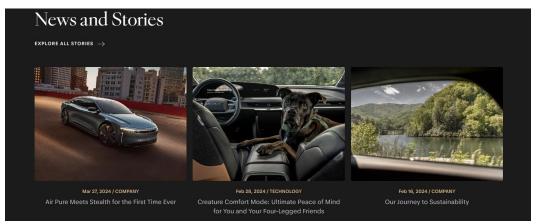
- To Attract
- To Engage
- To Convert target audience

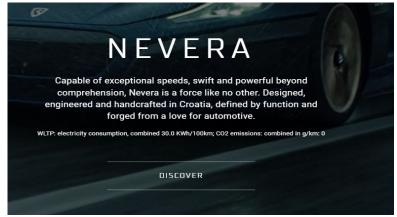


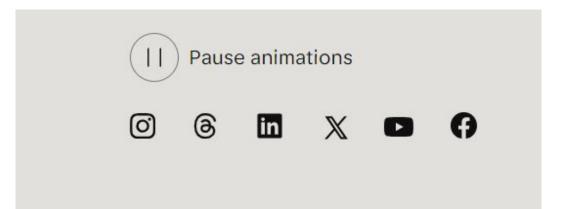
### **Comparison of Content Marketing Strategies**

Criteria	Rimac Automobili	Lucid Motors	Fisker Inc.			
Blog Posts	None	Active "News and Stories"	None			
Videos	Extensive, high-quality	High-quality	High-quality			
Infographics	Limited	Limited	Limited			
Content Quality	High, engaging	High, detailed	High, engaging			
SEO Integration	Well-optimized	Well-optimized	Well-optimized			
Content Distribution	Social media, media center	Social media, media room	Social media			
Repurposing Content	Limited	Diverse formats	Limited			

## Comparison of Content Marketing Strategies contd...







### **Top-performing pages**

Organic Pages 78						
URL	Traffic =	Traffic Diff.		Traffic %	Keywords	Ads keyword:
www.rimac-automobili.com/nevera/ 🗹	48.6K	+1.5K	abla	69.71	1.7K	(
www.rimac-automobili.com/ ☑	20K	+57	Y	28.64	740	C
www.rimac-automobili.com/ 🗹	737	-5	Y	1.05	18	C
www.rimac-automobili.com/about-us/ 🗹	249	+10	Y	0.35	48	 C
www.rimac-automobili.com/nevera/design/ 🗹	107	-21	Y	0.15	43	C
estore.rimac-automobili.com/product/breathable-light-jacke 🗹	24	-8	$\forall$	0.03	1	 (

https://www.rimac-automobili.com/

### **Top-performing pages**

Organic Pages 1,070

Traffic =	Traffic Diff.		Traffic %	Keywords		Ads keywords
545.7K	+76.5K	$\triangledown$	75.87	14.6K		0
35.5K	+991	Y	4.93	2K		5
23.8K	-116.7K	Y	3.30	5.1K		0
19.9K	+11.6K	abla	2.76	218		0
19K	+1.3K	Y	2.63	205		0
11.3K	-992	$\triangledown$	1.57	447		0
	545.7K 35.5K 23.8K 19.9K	545.7K +76.5K 35.5K +991 23.8K -116.7K 19.9K +11.6K 19K +1.3K	545.7K +76.5K ♥  35.5K +991 ♥  23.8K -116.7K ♥  19.9K +11.6K ♥  19K +1.3K ♥	545.7K +76.5K ♥ 75.87 35.5K +991 ♥ 4.93 23.8K -116.7K ♥ 3.30 19.9K +11.6K ♥ 2.76 19K +1.3K ♥ 2.63	545.7K +76.5K ♥ 75.87 14.6K  35.5K +991 ♥ 4.93 2K  23.8K -116.7K ♥ 3.30 5.1K  19.9K +11.6K ♥ 2.76 218  19K +1.3K ♥ 2.63 205	545.7K +76.5K ♥ 75.87 14.6K 35.5K +991 ♥ 4.93 2K 33.8K -116.7K ♥ 3.30 5.1K 19.9K +11.6K ♥ 2.76 218 19K +1.3K ♥ 2.63 205

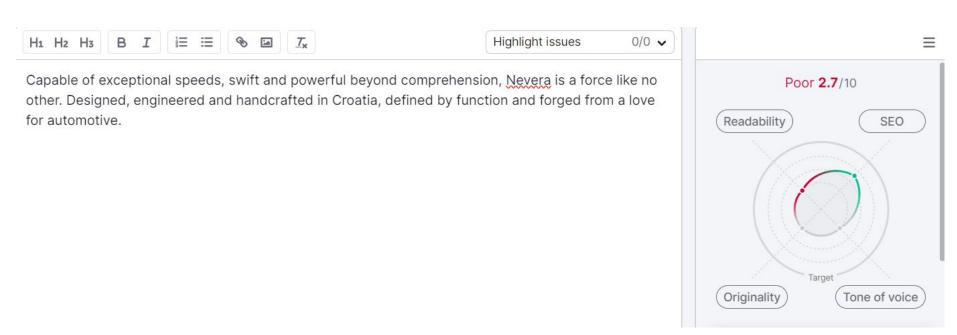
https://lucidmotors.com/

### **Top-performing pages**

Organic Pages 520						
JRL .	Traffic =	Traffic Diff.		Traffic %	Keywords	Ads keyword
vww.fiskerinc.com/ 🛂	168.6K	+30.2K	Y	45.39	3.2K	
vww.fiskerinc.com/ocean ☑	114.7K	+23.6K	Y	30.89	3.2K	
nvestors.fiskerinc.com/news/news-details/2024/Fisker-Ann Dunces-Reduced-MSRP-in-U.Son-Many-2023-Model-Year Vehicles/default.aspx	18.5K	+1.4K	7	4.97	549	
vww.fiskerinc.com/pear 🛂	11.4K	-20	$\forall$	3.07	95	
ww.fiskerinc.com/alaska 🗹	11.1K	+1.6K	$\nabla$	2.99	69	
vww.fiskerinc.com/ 🗹	10.1K	+4.1K	$\forall$	2.71	90	
nvestors.fiskerinc.com/stock-info/default.aspx 🛂	7.4K	+2K	7	1.97	241	
vww.fiskerinc.com/ronin ☑	4.6K	-53	$\nabla$	1.24	56	
vww.fiskerinc.com/ocean-one	2.5K	+396	Y	0.68	114	

https://www.fiskerinc.com/en-gb

#### **Quality Content**

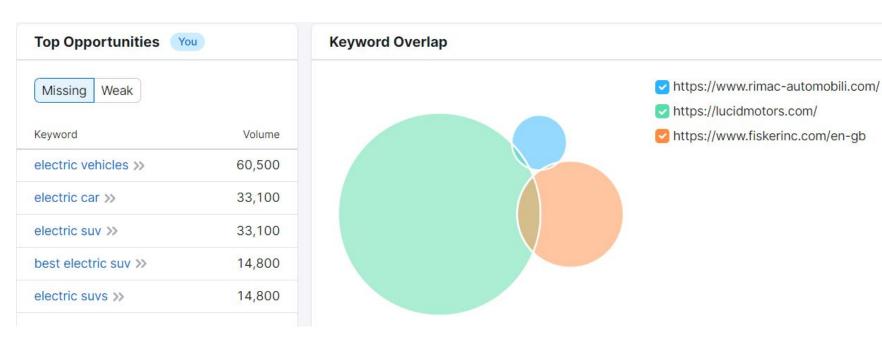


2.3K

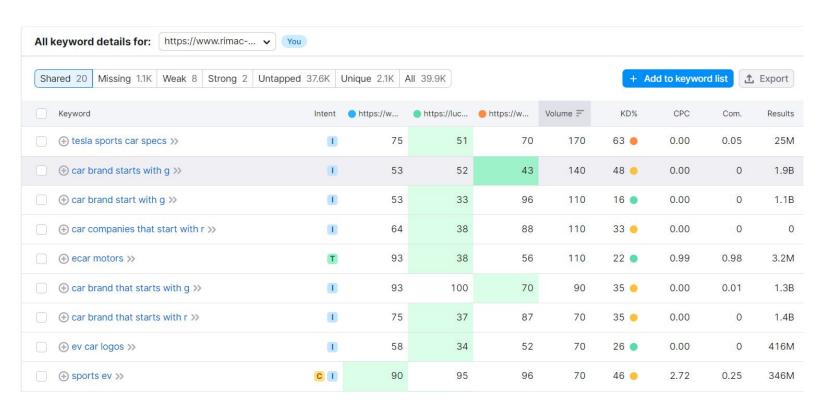
30.5K

8.4K

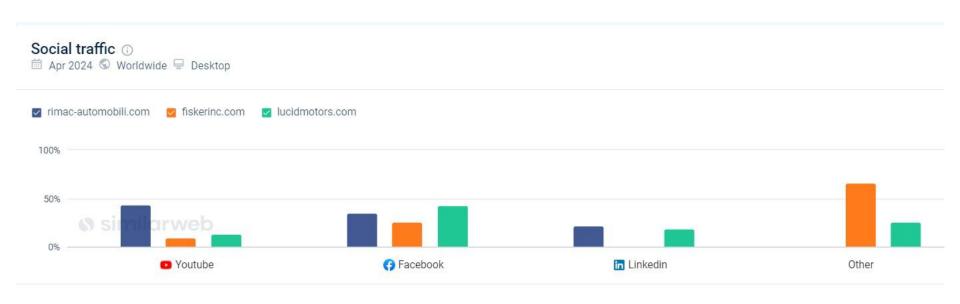
#### **SEO** Integration



#### **SEO Integration**



#### **Content Distribution**



#### **Content Distribution- lucidmotors**



Lucid is the only vehicle to win U.S. News & World Report's award for Best Luxury Electric Car three years in a row! What an honor. Thank you for the recognition and special thanks to the Lucid team for all their hard work on Air. ...see more



#### **Repurposing Content**

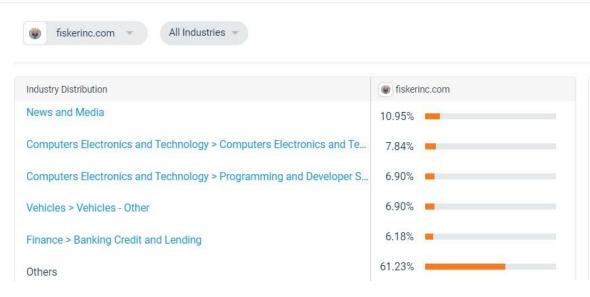
Browsing habits of visitors to rimac-automobili.com ①





#### **Repurposing Content**

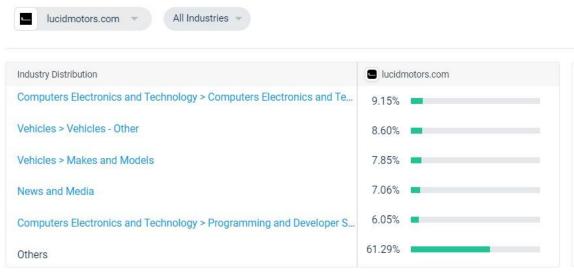
Browsing habits of visitors to fiskerinc.com ①





#### **Repurposing Content**

Browsing habits of visitors to lucidmotors.com ①





### 1. Content Strategy

 Develop a content calendar outlining the topics and formats for blog posts, videos, and infographics.

- Create a series of blog posts discussing the benefits of products, customer success stories, and industry insights.
- Produce informative videos showcasing the features and functionality of products, including demonstrations and user testimonials.

### 2. Quality Content

 Conduct in-depth research to ensure that all content is accurate, informative, and valuable to the audience.

- Publish a detailed guide on how to choose the right product from considering factors like budget, features, and customer reviews.
- Write blog posts addressing common challenges or questions faced by target audience, providing practical tips and solutions.

### 3. SEO Integration

 Optimize content for search engines by incorporating relevant keywords and following best practices for on-page SEO.

- Research and identify long-tail keywords related to products and include them naturally within blog post titles, headings, and body content.
- Optimize meta tags, image alt text, and URL structures to improve visibility and click-through rates in search engine results.

#### 4. Content Distribution

 Share content across various channels to maximize visibility and engagement with Vega's target audience.

- Share blog posts and videos on social media channels, encouraging followers to like, comment, and share the content with their networks.
- Send out a monthly email newsletter featuring curated content from blog, exclusive offers, and updates on new product launches or events.

### 5. Repurposing Content

 Adapt existing content into different formats to reach a wider audience and extend its lifespan.

- Turn a popular blog post into a downloadable PDF guide or eBook that visitors can access in exchange for their email address, helping to grow subscriber list.
- Convert customer testimonials into short video clips or social media posts, adding authenticity and social proof to marketing efforts.